

|                    |                 |                         |      |                 |              |                    |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|--------------------|-----------------|-------------------------|------|-----------------|--------------|
|                    |                 |                         |      |                 |              |                    |                 |                         |      |                 |              |
| A-42228-0213/0246  |                 |                         |      |                 |              | A-42228-0248/0281  |                 |                         |      |                 |              |
| HEADER NUMBER:     |                 | 41411                   |      |                 |              | HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              | PLATING:           |                 | 208                     |      |                 |              |
| PIN LENGTH: L      |                 | .705/17.91              |      |                 |              | PIN LENGTH: L      |                 | .705/17.91              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              | MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              | GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              | PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              | TIN: T             |                 | .135/3.43               |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              | DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              | CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              | KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              | REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              | VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              | PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   | CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 22-28-1206      | A-42228-0230 | 02                 |                 |                         | 20   | 22-28-1207      | A-42228-0265 |
| 03                 | 22-28-1036      | A-42228-0213            | 21   | 22-28-1216      | A-42228-0231 | 03                 | 22-28-1037      | A-42228-0248            | 21   | 22-28-1217      | A-42228-0266 |
| 04                 | 22-28-1046      | A-42228-0214            | 22   | 22-28-1226      | A-42228-0232 | 04                 | 22-28-1047      | A-42228-0249            | 22   | 22-28-1227      | A-42228-0267 |
| 05                 | 22-28-1056      | A-42228-0215            | 23   | 22-28-1236      | A-42228-0233 | 05                 | 22-28-1057      | A-42228-0250            | 23   | 22-28-1237      | A-42228-0268 |
| 06                 | 22-28-1066      | A-42228-0216            | 24   | 22-28-1246      | A-42228-0234 | 06                 | 22-28-1067      | A-42228-0251            | 24   | 22-28-1247      | A-42228-0269 |
| 07                 | 22-28-1076      | A-42228-0217            | 25   | 22-28-1256      | A-42228-0235 | 07                 | 22-28-1077      | A-42228-0252            | 25   | 22-28-1257      | A-42228-0270 |
| 08                 | 22-28-1086      | A-42228-0218            | 26   | 22-28-1266      | A-42228-0236 | 08                 | 22-28-1087      | A-42228-0253            | 26   | 22-28-1267      | A-42228-0271 |
| 09                 | 22-28-1096      | A-42228-0219            | 27   | 22-28-1276      | A-42228-0237 | 09                 | 22-28-1097      | A-42228-0254            | 27   | 22-28-1277      | A-42228-0272 |
| 10                 | 22-28-1106      | A-42228-0220            | 28   | 22-28-1286      | A-42228-0238 | 10                 | 22-28-1107      | A-42228-0255            | 28   | 22-28-1287      | A-42228-0273 |
| 11                 | 22-28-1116      | A-42228-0221            | 29   | 22-28-1296      | A-42228-0239 | 11                 | 22-28-1117      | A-42228-0256            | 29   | 22-28-1297      | A-42228-0274 |
| 12                 | 22-28-1126      | A-42228-0222            | 30   | 22-28-1306      | A-42228-0240 | 12                 | 22-28-1127      | A-42228-0257            | 30   | 22-28-1307      | A-42228-0275 |
| 13                 | 22-28-1136      | A-42228-0223            | 31   | 22-28-1316      | A-42228-0241 | 13                 | 22-28-1137      | A-42228-0258            | 31   | 22-28-1317      | A-42228-0276 |
| 14                 | 22-28-1146      | A-42228-0224            | 32   | 22-28-1326      | A-42228-0242 | 14                 | 22-28-1147      | A-42228-0259            | 32   | 22-28-1327      | A-42228-0277 |
| 15                 | 22-28-1156      | A-42228-0225            | 33   | 22-28-1336      | A-42228-0243 | 15                 | 22-28-1157      | A-42228-0260            | 33   | 22-28-1337      | A-42228-0278 |
| 16                 | 22-28-1166      | A-42228-0226            | 34   | 22-28-1346      | A-42228-0244 | 16                 | 22-28-1167      | A-42228-0261            | 34   | 22-28-1347      | A-42228-0279 |
| 17                 | 22-28-1176      | A-42228-0227            | 35   | 22-28-1356      | A-42228-0245 | 17                 | 22-28-1177      | A-42228-0262            | 35   | 22-28-1357      | A-42228-0280 |
| 18                 | 22-28-1186      | A-42228-0228            | 36   | 22-28-1366      | A-42228-0246 | 18                 | 22-28-1187      | A-42228-0263            | 36   | 22-28-1367      | A-42228-0281 |
| 19                 | 22-28-1196      | A-42228-0229            |      |                 |              | 19                 | 22-28-1197      | A-42228-0264            |      |                 |              |

|                       |                            |                                                      |                      |
|-----------------------|----------------------------|------------------------------------------------------|----------------------|
| REV:                  | ECR/ECN INFORMATION        | TITLE:                                               | SHEET No.            |
| <b>L5</b>             | EC No. <b>UCP2012-3374</b> | <b>.100 FRICTION LOCK<br/>BREAKAWAY HEADER ASSY.</b> | <b>- 2 -</b>         |
|                       | DATE <b>10/12/2012</b>     |                                                      |                      |
| DOCUMENT NUMBER:      | CREATED / REVISED BY:      | CHECKED BY:                                          | APPROVED BY:         |
| <b>SD- 42228 -002</b> | <b>MKIPPER</b>             | <b>JBELL</b>                                         | <b>FSMITH-ROEMER</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

|                    |                 |                         |      |                 |              |                    |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|--------------------|-----------------|-------------------------|------|-----------------|--------------|
|                    |                 |                         |      |                 |              |                    |                 |                         |      |                 |              |
| A-42228-0283/0316  |                 |                         |      |                 |              | A-42228-0318/0351  |                 |                         |      |                 |              |
| HEADER NUMBER:     |                 | 41411                   |      |                 |              | HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 228                     |      |                 |              | PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .705/17.91              |      |                 |              | PIN LENGTH: L      |                 | .720/18.29              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              | MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              | GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              | PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | .135/3.43               |      |                 |              | TIN: T             |                 | OVERALL                 |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              | DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              | CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              | KINKS:             |                 | YES SMES-42003          |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              | REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              | VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              | PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   | CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 22-28-1208      | A-42228-0300 | 02                 |                 |                         | 20   | 22-28-1209      | A-42228-0335 |
| 03                 | 22-28-1038      | A-42228-0283            | 21   | 22-28-1218      | A-42228-0301 | 03                 | 22-28-1039      | A-42228-0318            | 21   | 22-28-1219      | A-42228-0336 |
| 04                 | 22-28-1048      | A-42228-0284            | 22   | 22-28-1228      | A-42228-0302 | 04                 | 22-28-1049      | A-42228-0319            | 22   | 22-28-1229      | A-42228-0337 |
| 05                 | 22-28-1058      | A-42228-0285            | 23   | 22-28-1238      | A-42228-0303 | 05                 | 22-28-1059      | A-42228-0320            | 23   | 22-28-1239      | A-42228-0338 |
| 06                 | 22-28-1068      | A-42228-0286            | 24   | 22-28-1248      | A-42228-0304 | 06                 | 22-28-1069      | A-42228-0321            | 24   | 22-28-1249      | A-42228-0339 |
| 07                 | 22-28-1078      | A-42228-0287            | 25   | 22-28-1258      | A-42228-0305 | 07                 | 22-28-1079      | A-42228-0322            | 25   | 22-28-1259      | A-42228-0340 |
| 08                 | 22-28-1088      | A-42228-0288            | 26   | 22-28-1268      | A-42228-0306 | 08                 | 22-28-1089      | A-42228-0323            | 26   | 22-28-1269      | A-42228-0341 |
| 09                 | 22-28-1098      | A-42228-0289            | 27   | 22-28-1278      | A-42228-0307 | 09                 | 22-28-1099      | A-42228-0324            | 27   | 22-28-1279      | A-42228-0342 |
| 10                 | 22-28-1108      | A-42228-0290            | 28   | 22-28-1288      | A-42228-0308 | 10                 | 22-28-1109      | A-42228-0325            | 28   | 22-28-1289      | A-42228-0343 |
| 11                 | 22-28-1118      | A-42228-0291            | 29   | 22-28-1298      | A-42228-0309 | 11                 | 22-28-1119      | A-42228-0326            | 29   | 22-28-1299      | A-42228-0344 |
| 12                 | 22-28-1128      | A-42228-0292            | 30   | 22-28-1308      | A-42228-0310 | 12                 | 22-28-1129      | A-42228-0327            | 30   | 22-28-1309      | A-42228-0345 |
| 13                 | 22-28-1138      | A-42228-0293            | 31   | 22-28-1318      | A-42228-0311 | 13                 | 22-28-1139      | A-42228-0328            | 31   | 22-28-1319      | A-42228-0346 |
| 14                 | 22-28-1148      | A-42228-0294            | 32   | 22-28-1328      | A-42228-0312 | 14                 | 22-28-1149      | A-42228-0329            | 32   | 22-28-1329      | A-42228-0347 |
| 15                 | 22-28-1158      | A-42228-0295            | 33   | 22-28-1338      | A-42228-0313 | 15                 | 22-28-1159      | A-42228-0330            | 33   | 22-28-1339      | A-42228-0348 |
| 16                 | 22-28-1168      | A-42228-0296            | 34   | 22-28-1348      | A-42228-0314 | 16                 | 22-28-1169      | A-42228-0331            | 34   | 22-28-1349      | A-42228-0349 |
| 17                 | 22-28-1178      | A-42228-0297            | 35   | 22-28-1358      | A-42228-0315 | 17                 | 22-28-1179      | A-42228-0332            | 35   | 22-28-1359      | A-42228-0350 |
| 18                 | 22-28-1188      | A-42228-0298            | 36   | 22-28-1368      | A-42228-0316 | 18                 | 22-28-1189      | A-42228-0333            | 36   | 22-28-1369      | A-42228-0351 |
| 19                 | 22-28-1198      | A-42228-0299            |      |                 |              | 19                 | 22-28-1199      | A-42228-0334            |      |                 |              |

|                       |                            |                                                      |                      |
|-----------------------|----------------------------|------------------------------------------------------|----------------------|
| REV:                  | ECR/ECN INFORMATION        | TITLE:                                               | SHEET No.            |
| <b>L5</b>             | EC No. <b>UCP2012-3374</b> | <b>.100 FRICTION LOCK<br/>BREAKAWAY HEADER ASSY.</b> | <b>- 3 -</b>         |
|                       | DATE <b>10/12/2012</b>     |                                                      |                      |
| DOCUMENT NUMBER:      | CREATED / REVISED BY:      | CHECKED BY:                                          | APPROVED BY:         |
| <b>SD- 42228 -002</b> | <b>MKIPPER</b>             | <b>JBELL</b>                                         | <b>FSMITH-ROEMER</b> |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

|  |
|--|
|  |
|--|

| A-42228-0422/0454  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 228                     |      |                 |              |
| PIN LENGTH: L      |                 | .705/17.91              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | .135/3.43               |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | 3                       |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   |                 | A-42228-0439 |
| 03                 |                 | A-42228-0422            | 21   |                 | A-42228-0440 |
| 04                 | 22-29-1041      | A-42228-0423            | 22   |                 | A-42228-0441 |
| 05                 |                 | A-42228-0424            | 23   |                 | A-42228-0442 |
| 06                 |                 | A-42228-0425            | 24   |                 | A-42228-0443 |
| 07                 |                 | A-42228-0426            | 25   |                 | A-42228-0444 |
| 08                 |                 | A-42228-0427            | 26   |                 | A-42228-0445 |
| 09                 |                 | A-42228-0428            | 27   |                 | A-42228-0446 |
| 10                 |                 | A-42228-0429            | 28   |                 | A-42228-0447 |
| 11                 |                 | A-42228-0430            | 29   |                 | A-42228-0448 |
| 12                 |                 | A-42228-0431            | 30   |                 | A-42228-0449 |
| 13                 |                 | A-42228-0432            | 31   |                 | A-42228-0450 |
| 14                 |                 | A-42228-0433            | 32   |                 | A-42228-0451 |
| 15                 |                 | A-42228-0434            | 33   |                 | A-42228-0452 |
| 16                 |                 | A-42228-0435            | 34   |                 | A-42228-0453 |
| 17                 |                 | A-42228-0436            | 35   |                 | A-42228-0454 |
| 18                 |                 | A-42228-0437            | 36   |                 | A-42228-0455 |
| 19                 |                 | A-42228-0438            |      |                 |              |

| A-42228-0456/0490  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 208                     |      |                 |              |
| PIN LENGTH: L      |                 | .720/18.29              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | .135/3.43               |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | YES SMES-42003          |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | 2                       |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 | A-42228-0456            | 20   | 22-29-1204      | A-42228-0474 |
| 03                 | 22-29-1034      | A-42228-0457            | 21   | 22-29-1214      | A-42228-0475 |
| 04                 | 22-29-1044      | A-42228-0458            | 22   | 22-29-1224      | A-42228-0476 |
| 05                 | 22-29-1054      | A-42228-0459            | 23   | 22-29-2234      | A-42228-0477 |
| 06                 | 22-29-1064      | A-42228-0460            | 24   | 22-29-1244      | A-42228-0478 |
| 07                 | 22-29-1074      | A-42228-0461            | 25   | 22-29-1254      | A-42228-0479 |
| 08                 | 22-29-1084      | A-42228-0462            | 26   | 22-29-1264      | A-42228-0480 |
| 09                 | 22-29-1094      | A-42228-0463            | 27   | 22-29-1274      | A-42228-0481 |
| 10                 | 22-29-1104      | A-42228-0464            | 28   | 22-29-1284      | A-42228-0482 |
| 11                 | 22-29-1114      | A-42228-0465            | 29   | 22-29-1294      | A-42228-0483 |
| 12                 | 22-29-1124      | A-42228-0466            | 30   | 22-29-1304      | A-42228-0484 |
| 13                 | 22-29-1134      | A-42228-0467            | 31   | 22-29-1314      | A-42228-0485 |
| 14                 | 22-29-1144      | A-42228-0468            | 32   | 22-29-1324      | A-42228-0486 |
| 15                 | 22-29-1154      | A-42228-0469            | 33   | 22-29-1334      | A-42228-0487 |
| 16                 | 22-29-1164      | A-42228-0470            | 34   | 22-29-1344      | A-42228-0488 |
| 17                 | 22-29-1174      | A-42228-0471            | 35   | 22-29-1354      | A-42228-0489 |
| 18                 | 22-29-1184      | A-42228-0472            | 36   | 22-29-1364      | A-42228-0490 |
| 19                 | 22-29-1194      | A-42228-0473            |      |                 |              |

|                                                  |                                   |                                                                           |                                    |                                             |
|--------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------|------------------------------------|---------------------------------------------|
| <b>REV:</b><br><br><b>L5</b>                     | <u>ECR/ECN INFORMATION</u>        | <u>TITLE:</u><br><br><b>.100 FRICTION LOCK<br/>BREAKAWAY HEADER ASSY.</b> | <u>SHEET No.</u>                   |                                             |
|                                                  | <u>EC No.</u> <b>UCP2012-3374</b> |                                                                           | <b>- 4 -</b>                       |                                             |
|                                                  | <u>DATE</u> <b>10/12/2012</b>     |                                                                           |                                    |                                             |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42228 -002</b> |                                   | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b>                            | <u>CHECKED BY:</u><br><b>JBELL</b> | <u>APPROVED BY:</u><br><b>FSMITH-ROEMER</b> |

|  |
|--|
|  |
|--|

| A-42228-0491/0524  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .720/18.29              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | YES SMES-43703-0000     |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   |                 | A-42228-0508 |
| 03                 |                 | A-42228-0491            | 21   |                 | A-42228-0509 |
| 04                 |                 | A-42228-0492            | 22   |                 | A-42228-0510 |
| 05                 | 42228-0493      | A-42228-0493            | 23   |                 | A-42228-0511 |
| 06                 | 42228-0494      | A-42228-0494            | 24   |                 | A-42228-0512 |
| 07                 | 42228-0495      | A-42228-0495            | 25   |                 | A-42228-0513 |
| 08                 |                 | A-42228-0496            | 26   |                 | A-42228-0514 |
| 09                 |                 | A-42228-0497            | 27   |                 | A-42228-0515 |
| 10                 |                 | A-42228-0498            | 28   |                 | A-42228-0516 |
| 11                 | 42228-0499      | A-42228-0499            | 29   |                 | A-42228-0517 |
| 12                 |                 | A-42228-0500            | 30   |                 | A-42228-0518 |
| 13                 |                 | A-42228-0501            | 31   |                 | A-42228-0519 |
| 14                 |                 | A-42228-0502            | 32   |                 | A-42228-0520 |
| 15                 |                 | A-42228-0503            | 33   |                 | A-42228-0521 |
| 16                 |                 | A-42228-0504            | 34   |                 | A-42228-0522 |
| 17                 |                 | A-42228-0505            | 35   |                 | A-42228-0523 |
| 18                 |                 | A-42228-0506            | 36   |                 | A-42228-0524 |
| 19                 |                 | A-42228-0507            |      |                 |              |

| A-42228-0525/0537  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41411                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .720/18.29              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| DIMENSION Y        |                 | .022/0.56               |      |                 |              |
| CKTS:              |                 | 24-36                   |      |                 |              |
| KINKS:             |                 | YES SMES-42003          |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | 5, 7, 11,13,16, 20, 24  |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   |                 |              |
| 03                 |                 |                         | 21   |                 |              |
| 04                 |                 |                         | 22   |                 |              |
| 05                 |                 |                         | 23   |                 |              |
| 06                 |                 |                         | 24   | 42228-0525      | A-42228-0525 |
| 07                 |                 |                         | 25   | 42228-0526      | A-42228-0526 |
| 08                 |                 |                         | 26   | 42228-0527      | A-42228-0527 |
| 09                 |                 |                         | 27   | 42228-0528      | A-42228-0528 |
| 10                 |                 |                         | 28   | 42228-0529      | A-42228-0529 |
| 11                 |                 |                         | 29   | 42228-0530      | A-42228-0530 |
| 12                 |                 |                         | 30   | 42228-0531      | A-42228-0531 |
| 13                 |                 |                         | 31   | 42228-0532      | A-42228-0532 |
| 14                 |                 |                         | 32   | 42228-0533      | A-42228-0533 |
| 15                 |                 |                         | 33   | 42228-0534      | A-42228-0534 |
| 16                 |                 |                         | 34   | 42228-0535      | A-42228-0535 |
| 17                 |                 |                         | 35   | 42228-0536      | A-42228-0536 |
| 18                 |                 |                         | 36   | 42228-0537      | A-42228-0537 |
| 19                 |                 |                         |      |                 |              |

|                                                  |                                   |                                                                           |                                    |                                             |
|--------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------|------------------------------------|---------------------------------------------|
| REV:<br><br><b>L5</b>                            | <u>ECR/ECN INFORMATION</u>        | <u>TITLE:</u><br><br><b>.100 FRICTION LOCK<br/>BREAKAWAY HEADER ASSY.</b> | <u>SHEET No.</u>                   |                                             |
|                                                  | <u>EC No.</u> <b>UCP2012-3374</b> |                                                                           | <b>- 5 -</b>                       |                                             |
|                                                  | <u>DATE</u> <b>10/12/2012</b>     |                                                                           |                                    |                                             |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42228 -002</b> |                                   | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b>                            | <u>CHECKED BY:</u><br><b>JBELL</b> | <u>APPROVED BY:</u><br><b>FSMITH-ROEMER</b> |

|  |
|--|
|  |
|--|

|                    |                    |                         |      |                    |               |
|--------------------|--------------------|-------------------------|------|--------------------|---------------|
| A-42228-0538/0566  |                    |                         |      |                    |               |
| HEADER NUMBER:     |                    | 41411                   |      |                    |               |
| PLATING:           |                    | 154                     |      |                    |               |
| PIN LENGTH: L      |                    | .720/18.29              |      |                    |               |
| MATING LENGTH: M   |                    | .295/7.49               |      |                    |               |
| GOLD POINT: G      |                    | N/A                     |      |                    |               |
| PC TAIL LENGTH: P  |                    | .135/3.43               |      |                    |               |
| TIN: T             |                    | OVERALL                 |      |                    |               |
| DIMENSION Y        |                    | .022/0.56               |      |                    |               |
| CKTS:              |                    | 8-36                    |      |                    |               |
| KINKS:             |                    | YES SMES-42003          |      |                    |               |
| REMOVED BACKWALLS: |                    | NO                      |      |                    |               |
| VOIDED CKTS:       |                    | 8                       |      |                    |               |
| PACKAGING:         |                    | BULK, PER PK-40873-0056 |      |                    |               |
| CKTS               | MATERIAL<br>NUMBER | ENG<br>NUMBER           | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
| 02                 |                    |                         | 20   | 42228-0550         | A-42228-0550  |
| 03                 |                    |                         | 21   | 42228-0551         | A-42228-0551  |
| 04                 |                    |                         | 22   | 42228-0552         | A-42228-0552  |
| 05                 |                    |                         | 23   | 42228-0553         | A-42228-0553  |
| 06                 |                    |                         | 24   | 42228-0554         | A-42228-0554  |
| 07                 |                    |                         | 25   | 42228-0555         | A-42228-0555  |
| 08                 | 42228-0538         | A-42228-0538            | 26   | 42228-0556         | A-42228-0556  |
| 09                 | 42228-0539         | A-42228-0539            | 27   | 42228-0557         | A-42228-0557  |
| 10                 | 42228-0540         | A-42228-0540            | 28   | 42228-0558         | A-42228-0558  |
| 11                 | 42228-0541         | A-42228-0541            | 29   | 42228-0559         | A-42228-0559  |
| 12                 | 42228-0542         | A-42228-0542            | 30   | 42228-0560         | A-42228-0560  |
| 13                 | 42228-0543         | A-42228-0543            | 31   | 42228-0561         | A-42228-0561  |
| 14                 | 42228-0544         | A-42228-0544            | 32   | 42228-0562         | A-42228-0562  |
| 15                 | 42228-0545         | A-42228-0545            | 33   | 42228-0563         | A-42228-0563  |
| 16                 | 42228-0546         | A-42228-0546            | 34   | 42228-0564         | A-42228-0564  |
| 17                 | 42228-0547         | A-42228-0547            | 35   | 42228-0565         | A-42228-0565  |
| 18                 | 42228-0548         | A-42228-0548            | 36   | 42228-0566         | A-42228-0566  |
| 19                 | 42228-0549         | A-42228-0549            |      |                    |               |

|                                                      |                            |                     |                                                                           |                                        |
|------------------------------------------------------|----------------------------|---------------------|---------------------------------------------------------------------------|----------------------------------------|
| REV:<br><br><b>L5</b>                                | <u>ECR/ECN INFORMATION</u> |                     | <u>TITLE:</u><br><br><b>.100 FRICTION LOCK<br/>BREAKAWAY HEADER ASSY.</b> | <u>SHEET No.</u><br><br><b>- 6 -</b>   |
|                                                      | <u>EC No.</u>              | <b>UCP2012-3374</b> |                                                                           |                                        |
|                                                      | <u>DATE</u>                | <b>10/12/2012</b>   |                                                                           |                                        |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42228 -002</b> |                            |                     | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                        | <u>CHECKED BY:</u><br><br><b>JBELL</b> |
|                                                      |                            |                     | <u>APPROVED BY:</u><br><br><b>FSMITH-ROEMER</b>                           |                                        |

|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
|--------------------------------------------------|-----------------|------------------------|------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------|--|---------------|--------------------------------------------------------------|--|
|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| A-42376-0002 / 0036                              |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| HEADER NUMBER:                                   |                 | 42312-0002/0036        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN NUMBER:                                      |                 | 42663-BKA154           |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN LENGTH: L                                    |                 | .600/15.24             |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| MATING LENGTH: M                                 |                 | .361/9.17              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| GOLD POINT: G                                    |                 | N/A                    |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN HEIGHT: Y                                    |                 | .142/3.61              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PC TAIL LENGTH: P                                |                 | .120/3.05              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| TIN: T                                           |                 | OVERALL                |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| CKTS:                                            |                 | 2-36                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| KINKS:                                           |                 | NONE                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| VOIDED CKTS:                                     |                 | NONE                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PACKAGING:                                       |                 | BULK PK-40873-0041     |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER             | CKTS | MATERIAL NUMBER | ENG NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 02                                               | 22-28-6020      | 42376-0002             | 20   | 22-28-6200      | 42376-0020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 03                                               | 22-28-6030      | 42376-0003             | 21   | 22-28-6210      | 42376-0021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 04                                               | 22-28-6040      | 42376-0004             | 22   | 22-28-6220      | 42376-0022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 05                                               | 22-28-6050      | 42376-0005             | 23   | 22-28-6230      | 42376-0023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 06                                               | 22-28-6060      | 42376-0006             | 24   | 22-28-6240      | 42376-0024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 07                                               | 22-28-6070      | 42376-0007             | 25   | 22-28-6250      | 42376-0025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 08                                               | 22-28-6080      | 42376-0008             | 26   | 22-28-6260      | 42376-0026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 09                                               | 22-28-6090      | 42376-0009             | 27   | 22-28-6270      | 42376-0027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 10                                               | 22-28-6100      | 42376-0010             | 28   | 22-28-6280      | 42376-0028                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 11                                               | 22-28-6110      | 42376-0011             | 29   | 22-28-6290      | 42376-0029                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 12                                               | 22-28-6120      | 42376-0012             | 30   | 22-28-6300      | 42376-0030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 13                                               | 22-28-6130      | 42376-0013             | 31   | 22-28-6310      | 42376-0031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 14                                               | 22-28-6140      | 42376-0014             | 32   | 22-28-6320      | 42376-0032                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 15                                               | 22-28-6150      | 42376-0015             | 33   | 22-28-6330      | 42376-0033                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 16                                               | 22-28-6160      | 42376-0016             | 34   | 22-28-6340      | 42376-0034                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 17                                               | 22-28-6170      | 42376-0017             | 35   | 22-28-6350      | 42376-0035                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 18                                               | 22-28-6180      | 42376-0018             | 36   | 22-28-6360      | 42376-0036                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 19                                               | 22-28-6190      | 42376-0019             |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| A-42376-0037 / 0071                              |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| HEADER NUMBER:                                   |                 | 42312-0002/0036        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN NUMBER:                                      |                 | 42663-BKB208           |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN LENGTH: L                                    |                 | .600/15.24             |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| MATING LENGTH: M                                 |                 | .361/9.17              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| GOLD POINT: G                                    |                 | .180/4.57              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PIN HEIGHT: Y                                    |                 | .142/3.61              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PC TAIL LENGTH: P                                |                 | .120/3.05              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| TIN: T                                           |                 | .135/3.43              |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| CKTS:                                            |                 | 2-36                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| KINKS:                                           |                 | NONE                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| VOIDED CKTS:                                     |                 | NONE                   |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| PACKAGING:                                       |                 | BULK PK-40873-0041     |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER             | CKTS | MATERIAL NUMBER | ENG NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 02                                               | 22-28-6022      | 42376-0037             | 20   | 22-28-6202      | 42376-0055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 03                                               | 22-28-6032      | 42376-0038             | 21   | 22-28-6212      | 42376-0056                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 04                                               | 22-28-6042      | 42376-0039             | 22   | 22-28-6222      | 42376-0057                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 05                                               | 22-28-6052      | 42376-0040             | 23   | 22-28-6232      | 42376-0058                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 06                                               | 22-28-6062      | 42376-0041             | 24   | 22-28-6242      | 42376-0059                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 07                                               | 22-28-6072      | 42376-0042             | 25   | 22-28-6252      | 42376-0060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 08                                               | 22-28-6082      | 42376-0043             | 26   | 22-28-6262      | 42376-0061                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 09                                               | 22-28-6092      | 42376-0044             | 27   | 22-28-6272      | 42376-0062                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 10                                               | 22-28-6102      | 42376-0045             | 28   | 22-28-6282      | 42376-0063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 11                                               | 22-28-6112      | 42376-0046             | 29   | 22-28-6292      | 42376-0064                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 12                                               | 22-28-6122      | 42376-0047             | 30   | 22-28-6302      | 42376-0065                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 13                                               | 22-28-6132      | 42376-0048             | 31   | 22-28-6312      | 42376-0066                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 14                                               | 22-28-6142      | 42376-0049             | 32   | 22-28-6322      | 42376-0067                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 15                                               | 22-28-6152      | 42376-0050             | 33   | 22-28-6332      | 42376-0068                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 16                                               | 22-28-6162      | 42376-0051             | 34   | 22-28-6342      | 42376-0069                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 17                                               | 22-28-6172      | 42376-0052             | 35   | 22-28-6352      | 42376-0070                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 18                                               | 22-28-6182      | 42376-0053             | 36   | 22-28-6362      | 42376-0071                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                  |  |               |                                                              |  |
| 19                                               | 22-28-6192      | 42376-0054             |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| REV:                                             |                 | ECR / ECN INFORMATION: |      |                 | <div style="display: flex; justify-content: space-between;"> <div> <div style="font-size: 24px; font-weight: bold;">K16</div> <div>EC No.: <b>UCP2013-3732</b></div> <div>DATE: <b>10/9/2013</b></div> </div> <div> <div style="font-size: 18px; font-weight: bold;">TITLE:</div> <div style="font-size: 14px;">KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</div> </div> <div> <div style="font-size: 18px; font-weight: bold;">SHEET No.</div> <div style="font-size: 24px; font-weight: bold;">- 2 -</div> </div> </div> |  |                  |  |               | <div style="font-size: 18px; font-weight: bold;">- 2 -</div> |  |
|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
|                                                  |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |
| DOCUMENT NUMBER:                                 |                 |                        |      |                 | CREATED / REVISED BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | CHECKED BY:      |  | APPROVED BY:  |                                                              |  |
| <b>SD- 42376-001</b>                             |                 |                        |      |                 | <b>MKIPPER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | <b>BANDERSON</b> |  | <b>FSMITH</b> |                                                              |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                        |      |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                  |  |               |                                                              |  |

|                                                                 |                 |                             |      |                                                                  |            |                     |                 |                    |      |                 |            |
|-----------------------------------------------------------------|-----------------|-----------------------------|------|------------------------------------------------------------------|------------|---------------------|-----------------|--------------------|------|-----------------|------------|
| A-42376-0072 / 0106                                             |                 |                             |      |                                                                  |            | A-42376-0107 / 0141 |                 |                    |      |                 |            |
| HEADER NUMBER:                                                  |                 | 42312-0002/0036             |      |                                                                  |            | HEADER NUMBER:      |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:                                                     |                 | 42663-BKB228                |      |                                                                  |            | PIN NUMBER:         |                 | 42663-CXA154       |      |                 |            |
| PIN LENGTH: L                                                   |                 | .600/15.24                  |      |                                                                  |            | PIN LENGTH: L       |                 | .750/19.05         |      |                 |            |
| MATING LENGTH: M                                                |                 | .361/9.17                   |      |                                                                  |            | MATING LENGTH: M    |                 | .405/10.29         |      |                 |            |
| GOLD POINT: G                                                   |                 | .180/4.57                   |      |                                                                  |            | GOLD POINT: G       |                 | N/A                |      |                 |            |
| PIN HEIGHT: Y                                                   |                 | .142/3.61                   |      |                                                                  |            | PIN HEIGHT: Y       |                 | .248/6.30          |      |                 |            |
| PC TAIL LENGTH: P                                               |                 | .120/3.05                   |      |                                                                  |            | PC TAIL LENGTH: P   |                 | .120/3.05          |      |                 |            |
| TIN: T                                                          |                 | .135/3.43                   |      |                                                                  |            | TIN: T              |                 | OVERALL            |      |                 |            |
| CKTS:                                                           |                 | 2-36                        |      |                                                                  |            | CKTS:               |                 | 2-36               |      |                 |            |
| KINKS:                                                          |                 | NONE                        |      |                                                                  |            | KINKS:              |                 | NONE               |      |                 |            |
| VOIDED CKTS:                                                    |                 | NONE                        |      |                                                                  |            | VOIDED CKTS:        |                 | NONE               |      |                 |            |
| PACKAGING:                                                      |                 | BULK PK-40873-0041          |      |                                                                  |            | PACKAGING:          |                 | BULK PK-40873-0043 |      |                 |            |
| CKTS                                                            | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER                                                  | ENG NUMBER | CKTS                | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                                                              | 22-28-6024      | 42376-0072                  | 20   | 22-28-6204                                                       | 42376-0090 | 02                  | 22-28-6021      | 42376-0107         | 20   | 22-28-6201      | 42376-0125 |
| 03                                                              | 22-28-6034      | 42376-0073                  | 21   | 22-28-6214                                                       | 42376-0091 | 03                  | 22-28-6031      | 42376-0108         | 21   | 22-28-6211      | 42376-0126 |
| 04                                                              | 22-28-6044      | 42376-0074                  | 22   | 22-28-6224                                                       | 42376-0092 | 04                  | 22-28-6041      | 42376-0109         | 22   | 22-28-6221      | 42376-0127 |
| 05                                                              | 22-28-6054      | 42376-0075                  | 23   | 22-28-6234                                                       | 42376-0093 | 05                  | 22-28-6051      | 42376-0110         | 23   | 22-28-6231      | 42376-0128 |
| 06                                                              | 22-28-6064      | 42376-0076                  | 24   | 22-28-6244                                                       | 42376-0094 | 06                  | 22-28-6061      | 42376-0111         | 24   | 22-28-6241      | 42376-0129 |
| 07                                                              | 22-28-6074      | 42376-0077                  | 25   | 22-28-6254                                                       | 42376-0095 | 07                  | 22-28-6071      | 42376-0112         | 25   | 22-28-6251      | 42376-0130 |
| 08                                                              | 22-28-6084      | 42376-0078                  | 26   | 22-28-6264                                                       | 42376-0096 | 08                  | 22-28-6081      | 42376-0113         | 26   | 22-28-6261      | 42376-0131 |
| 09                                                              | 22-28-6094      | 42376-0079                  | 27   | 22-28-6274                                                       | 42376-0097 | 09                  | 22-28-6091      | 42376-0114         | 27   | 22-28-6271      | 42376-0132 |
| 10                                                              | 22-28-6104      | 42376-0080                  | 28   | 22-28-6284                                                       | 42376-0098 | 10                  | 22-28-6101      | 42376-0015         | 28   | 22-28-6281      | 42376-0133 |
| 11                                                              | 22-28-6114      | 42376-0081                  | 29   | 22-28-6294                                                       | 42376-0099 | 11                  | 22-28-6111      | 42376-0116         | 29   | 22-28-6291      | 42376-0134 |
| 12                                                              | 22-28-6124      | 42376-0082                  | 30   | 22-28-6304                                                       | 42376-0100 | 12                  | 22-28-6121      | 42376-0117         | 30   | 22-28-6301      | 42376-0135 |
| 13                                                              | 22-28-6134      | 42376-0083                  | 31   | 22-28-6314                                                       | 42376-0101 | 13                  | 22-28-6131      | 42376-0118         | 31   | 22-28-6311      | 42376-0136 |
| 14                                                              | 22-28-6144      | 42376-0084                  | 32   | 22-28-6324                                                       | 42376-0102 | 14                  | 22-28-6141      | 42376-0119         | 32   | 22-28-6321      | 42376-0137 |
| 15                                                              | 22-28-6154      | 42376-0085                  | 33   | 22-28-6334                                                       | 42376-0103 | 15                  | 22-28-6151      | 42376-0120         | 33   | 22-28-6331      | 42376-0138 |
| 16                                                              | 22-28-6164      | 42376-0086                  | 34   | 22-28-6344                                                       | 42376-0104 | 16                  | 22-28-6161      | 42376-0121         | 34   | 22-28-6341      | 42376-0139 |
| 17                                                              | 22-28-6174      | 42376-0087                  | 35   | 22-28-6354                                                       | 42376-0105 | 17                  | 22-28-6171      | 42376-0122         | 35   | 22-28-6351      | 42376-0140 |
| 18                                                              | 22-28-6184      | 42376-0088                  | 36   | 22-28-6364                                                       | 42376-0106 | 18                  | 22-28-6181      | 42376-0123         | 36   | 22-28-6361      | 42376-0141 |
| 19                                                              | 22-28-6194      | 42376-0089                  |      |                                                                  |            | 19                  | 22-28-6191      | 42376-0124         |      |                 |            |
| REV:                                                            |                 | ECR / ECN INFORMATION:      |      | TITLE:                                                           |            |                     |                 | SHEET No.          |      |                 |            |
| <b>K16</b>                                                      |                 | EC No.: <b>UCP2013-3732</b> |      | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |            |                     |                 | <b>- 3 -</b>       |      |                 |            |
|                                                                 |                 | DATE: <b>10/9/2013</b>      |      |                                                                  |            |                     |                 |                    |      |                 |            |
| DOCUMENT NUMBER:                                                |                 |                             |      | CREATED / REVISED BY:                                            |            | CHECKED BY:         |                 | APPROVED BY:       |      |                 |            |
| <b>SD- 42376-001</b>                                            |                 |                             |      | <b>MKIPPER</b>                                                   |            | <b>BANDERSON</b>    |                 | <b>FSMITH</b>      |      |                 |            |
| <small>TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC</small> |                 |                             |      |                                                                  |            |                     |                 |                    |      |                 |            |

|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
|--------------------------------------------------|-----------------|------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|-----------------|--------------|--------------------|-----------------|------------|
|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
| A-42376-0142 / 0176                              |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | A-42376-0177 / 0211 |                 |              |                    |                 |            |
| HEADER NUMBER:                                   |                 |                        | 42312-0002/0036    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | HEADER NUMBER:      |                 |              | 42312-0002/0036    |                 |            |
| PIN NUMBER:                                      |                 |                        | 42663-CXB208       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | PIN NUMBER:         |                 |              | 42663-CXB228       |                 |            |
| PIN LENGTH: L                                    |                 |                        | .750/19.05         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | PIN LENGTH: L       |                 |              | .750/19.05         |                 |            |
| MATING LENGTH: M                                 |                 |                        | .405/10.29         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | MATING LENGTH: M    |                 |              | .405/10.29         |                 |            |
| GOLD POINT: G                                    |                 |                        | .180/4.57          |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | GOLD POINT: G       |                 |              | .180/4.57          |                 |            |
| PIN HEIGHT: Y                                    |                 |                        | .248/6.30          |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | PIN HEIGHT: Y       |                 |              | .248/6.30          |                 |            |
| PC TAIL LENGTH: P                                |                 |                        | .120/3.05          |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | PC TAIL LENGTH: P   |                 |              | .120/3.05          |                 |            |
| TIN: T                                           |                 |                        | .135/3.43          |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | TIN: T              |                 |              | .135/3.43          |                 |            |
| CKTS:                                            |                 |                        | 2-36               |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | CKTS:               |                 |              | 2-36               |                 |            |
| KINKS:                                           |                 |                        | NONE               |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | KINKS:              |                 |              | NONE               |                 |            |
| VOIDED CKTS:                                     |                 |                        | NONE               |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | VOIDED CKTS:        |                 |              | NONE               |                 |            |
| PACKAGING:                                       |                 |                        | BULK PK-40873-0043 |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | PACKAGING:          |                 |              | BULK PK-40873-0043 |                 |            |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER             | CKTS               | MATERIAL NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                     | ENG NUMBER | CKTS                | MATERIAL NUMBER | ENG NUMBER   | CKTS               | MATERIAL NUMBER | ENG NUMBER |
| 02                                               | 22-28-6023      | 42376-0142             | 20                 | 22-28-6203                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0160 | 02                  | 22-28-6025      | 42376-0177   | 20                 | 22-28-6205      | 42376-0195 |
| 03                                               | 22-28-6033      | 42376-0143             | 21                 | 22-28-6213                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0161 | 03                  | 22-28-6035      | 42376-0178   | 21                 | 22-28-6215      | 42376-0196 |
| 04                                               | 22-28-6043      | 42376-0144             | 22                 | 22-28-6223                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0162 | 04                  | 22-28-6045      | 42376-0179   | 22                 | 22-28-6225      | 42376-0197 |
| 05                                               | 22-28-6053      | 42376-0145             | 23                 | 22-28-6233                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0163 | 05                  | 22-28-6055      | 42376-0180   | 23                 | 22-28-6235      | 42376-0198 |
| 06                                               | 22-28-6063      | 42376-0146             | 24                 | 22-28-6243                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0164 | 06                  | 22-28-6065      | 42376-0181   | 24                 | 22-28-6245      | 42376-0199 |
| 07                                               | 22-28-6073      | 42376-0147             | 25                 | 22-28-6253                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0165 | 07                  | 22-28-6075      | 42376-0182   | 25                 | 22-28-6255      | 42376-0200 |
| 08                                               | 22-28-6083      | 42376-0148             | 26                 | 22-28-6263                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0166 | 08                  | 22-28-6085      | 42376-0183   | 26                 | 22-28-6265      | 42376-0201 |
| 09                                               | 22-28-6093      | 42376-0149             | 27                 | 22-28-6273                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0167 | 09                  | 22-28-6095      | 42376-0184   | 27                 | 22-28-6275      | 42376-0202 |
| 10                                               | 22-28-6103      | 42376-0150             | 28                 | 22-28-6283                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0168 | 10                  | 22-28-6105      | 42376-0185   | 28                 | 22-28-6285      | 42376-0203 |
| 11                                               | 22-28-6113      | 42376-0151             | 29                 | 22-28-6293                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0169 | 11                  | 22-28-6115      | 42376-0186   | 29                 | 22-28-6295      | 42376-0204 |
| 12                                               | 22-28-6123      | 42376-0152             | 30                 | 22-28-6303                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0170 | 12                  | 22-28-6125      | 42376-0187   | 30                 | 22-28-6305      | 42376-0205 |
| 13                                               | 22-28-6133      | 42376-0153             | 31                 | 22-28-6313                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0171 | 13                  | 22-28-6135      | 42376-0188   | 31                 | 22-28-6315      | 42376-0206 |
| 14                                               | 22-28-6143      | 42376-0154             | 32                 | 22-28-6323                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0172 | 14                  | 22-28-6145      | 42376-0189   | 32                 | 22-28-6325      | 42376-0207 |
| 15                                               | 22-28-6153      | 42376-0155             | 33                 | 22-28-6333                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0173 | 15                  | 22-28-6155      | 42376-0190   | 33                 | 22-28-6335      | 42376-0208 |
| 16                                               | 22-28-6163      | 42376-0156             | 34                 | 22-28-6343                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0174 | 16                  | 22-28-6165      | 42376-0191   | 34                 | 22-28-6345      | 42376-0209 |
| 17                                               | 22-28-6173      | 42376-0157             | 35                 | 22-28-6353                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0175 | 17                  | 22-28-6175      | 42376-0192   | 35                 | 22-28-6355      | 42376-0210 |
| 18                                               | 22-28-6183      | 42376-0158             | 36                 | 22-28-6363                                                                                                                                                                                                                                                                                                                                                                                                                          | 42376-0176 | 18                  | 22-28-6185      | 42376-0193   | 36                 | 22-28-6365      | 42376-0211 |
| 19                                               | 22-28-6193      | 42376-0159             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | 19                  | 22-28-6195      | 42376-0194   |                    |                 |            |
|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
| REV:                                             |                 | ECR / ECN INFORMATION: |                    | <div style="display: flex; justify-content: space-between;"> <div> <div style="font-size: 24pt; font-weight: bold;">K16</div> <div>EC No.: UCP2013-3732</div> <div>DATE: 10/9/2013</div> </div> <div> <div style="font-size: 18pt; font-weight: bold;">KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</div> </div> <div> <div>SHEET No.</div> <div style="font-size: 24pt; font-weight: bold;">- 4 -</div> </div> </div> |            |                     |                 |              |                    | SHEET No.       |            |
|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
|                                                  |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |
| DOCUMENT NUMBER:                                 |                 |                        |                    | CREATED / REVISED BY:                                                                                                                                                                                                                                                                                                                                                                                                               |            | CHECKED BY:         |                 | APPROVED BY: |                    |                 |            |
| SD- 42376-001                                    |                 |                        |                    | MKIPPER                                                                                                                                                                                                                                                                                                                                                                                                                             |            | BANDERSON           |                 | FSMITH       |                    |                 |            |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                        |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |                     |                 |              |                    |                 |            |





|                                                  |                 |                             |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
|--------------------------------------------------|-----------------|-----------------------------|--------------------|------------------------------------------------------------------|------------|---------------------|-----------------|---------------|--------------------|--------------------------------------|------------|
|                                                  |                 |                             |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
|                                                  |                 |                             |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
| A-42376-0282/ 0316                               |                 |                             |                    |                                                                  |            | A-42376-0317 / 0351 |                 |               |                    |                                      |            |
| HEADER NUMBER:                                   |                 |                             | 42312-0002/0036    |                                                                  |            | HEADER NUMBER:      |                 |               | 42312-0002/0036    |                                      |            |
| PIN NUMBER:                                      |                 |                             | 42663-BNB228       |                                                                  |            | PIN NUMBER:         |                 |               | 42663-DAA154       |                                      |            |
| PIN LENGTH: L                                    |                 |                             | .615/15.62         |                                                                  |            | PIN LENGTH: L       |                 |               | .765/19.43         |                                      |            |
| MATING LENGTH: M                                 |                 |                             | .361/9.17          |                                                                  |            | MATING LENGTH: M    |                 |               | .405/10.29         |                                      |            |
| GOLD POINT: G                                    |                 |                             | .180/4.57          |                                                                  |            | GOLD POINT: G       |                 |               | N/A                |                                      |            |
| PIN HEIGHT: Y                                    |                 |                             | .142/3.61          |                                                                  |            | PIN HEIGHT: Y       |                 |               | .248/6.30          |                                      |            |
| PC TAIL LENGTH: P                                |                 |                             | .135/3.43          |                                                                  |            | PC TAIL LENGTH: P   |                 |               | .135/3.43          |                                      |            |
| TIN: T                                           |                 |                             | .135/3.43          |                                                                  |            | TIN: T              |                 |               | OVERALL            |                                      |            |
| CKTS:                                            |                 |                             | 2-36               |                                                                  |            | CKTS:               |                 |               | 2-36               |                                      |            |
| KINKS:                                           |                 |                             | PER SMES-42003     |                                                                  |            | KINKS:              |                 |               | PER SMES-42003     |                                      |            |
| VOIDED CKTS:                                     |                 |                             | NONE               |                                                                  |            | VOIDED CKTS:        |                 |               | NONE               |                                      |            |
| PACKAGING:                                       |                 |                             | BULK PK-40873-0041 |                                                                  |            | PACKAGING:          |                 |               | BULK PK-40873-0043 |                                      |            |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER                  | CKTS               | MATERIAL NUMBER                                                  | ENG NUMBER | CKTS                | MATERIAL NUMBER | ENG NUMBER    | CKTS               | MATERIAL NUMBER                      | ENG NUMBER |
| 02                                               | 22-28-7024      | 42376-0282                  | 20                 | 22-28-7204                                                       | 42376-0300 | 02                  | 22-28-7021      | 42376-0317    | 20                 | 22-28-7201                           | 42376-0335 |
| 03                                               | 22-28-7034      | 42376-0283                  | 21                 | 22-28-7214                                                       | 42376-0301 | 03                  | 22-28-7031      | 42376-0318    | 21                 | 22-28-7211                           | 42376-0336 |
| 04                                               | 22-28-7044      | 42376-0284                  | 22                 | 22-28-7224                                                       | 42376-0302 | 04                  | 22-28-7041      | 42376-0319    | 22                 | 22-28-7221                           | 42376-0337 |
| 05                                               | 22-28-7054      | 42376-0285                  | 23                 | 22-28-7234                                                       | 42376-0303 | 05                  | 22-28-7051      | 42376-0320    | 23                 | 22-28-7231                           | 42376-0338 |
| 06                                               | 22-28-7064      | 42376-0286                  | 24                 | 22-28-7244                                                       | 42376-0304 | 06                  | 22-28-7061      | 42376-0321    | 24                 | 22-28-7241                           | 42376-0339 |
| 07                                               | 22-28-7074      | 42376-0287                  | 25                 | 22-28-7254                                                       | 42376-0305 | 07                  | 22-28-7071      | 42376-0322    | 25                 | 22-28-7251                           | 42376-0340 |
| 08                                               | 22-28-7084      | 42376-0288                  | 26                 | 22-28-7264                                                       | 42376-0306 | 08                  | 22-28-7081      | 42376-0323    | 26                 | 22-28-7261                           | 42376-0341 |
| 09                                               | 22-28-7094      | 42376-0289                  | 27                 | 22-28-7274                                                       | 42376-0307 | 09                  | 22-28-7091      | 42376-0324    | 27                 | 22-28-7271                           | 42376-0342 |
| 10                                               | 22-28-7104      | 42376-0290                  | 28                 | 22-28-7284                                                       | 42376-0308 | 10                  | 22-28-7101      | 42376-0325    | 28                 | 22-28-7281                           | 42376-0343 |
| 11                                               | 22-28-7114      | 42376-0291                  | 29                 | 22-28-7294                                                       | 42376-0309 | 11                  | 22-28-7111      | 42376-0326    | 29                 | 22-28-7291                           | 42376-0344 |
| 12                                               | 22-28-7124      | 42376-0292                  | 30                 | 22-28-7304                                                       | 42376-0310 | 12                  | 22-28-7121      | 42376-0327    | 30                 | 22-28-7301                           | 42376-0345 |
| 13                                               | 22-28-7134      | 42376-0293                  | 31                 | 22-28-7314                                                       | 42376-0311 | 13                  | 22-28-7131      | 42376-0328    | 31                 | 22-28-7311                           | 42376-0346 |
| 14                                               | 22-28-7144      | 42376-0294                  | 32                 | 22-28-7324                                                       | 42376-0312 | 14                  | 22-28-7141      | 42376-0329    | 32                 | 22-28-7321                           | 42376-0347 |
| 15                                               | 22-28-7154      | 42376-0295                  | 33                 | 22-28-7334                                                       | 42376-0313 | 15                  | 22-28-7151      | 42376-0330    | 33                 | 22-28-7331                           | 42376-0348 |
| 16                                               | 22-28-7164      | 42376-0296                  | 34                 | 22-28-7344                                                       | 42376-0314 | 16                  | 22-28-7161      | 42376-0331    | 34                 | 22-28-7341                           | 42376-0349 |
| 17                                               | 22-28-7174      | 42376-0297                  | 35                 | 22-28-7354                                                       | 42376-0315 | 17                  | 22-28-7171      | 42376-0332    | 35                 | 22-28-7351                           | 42376-0350 |
| 18                                               | 22-28-7184      | 42376-0298                  | 36                 | 22-28-7364                                                       | 42376-0316 | 18                  | 22-28-7181      | 42376-0333    | 36                 | 22-28-7361                           | 42376-0351 |
| 19                                               | 22-28-7194      | 42376-0299                  |                    |                                                                  |            | 19                  | 22-28-7191      | 42376-0334    |                    |                                      |            |
|                                                  |                 |                             |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
| REV:                                             |                 | ECR / ECN INFORMATION:      |                    | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |            |                     |                 |               |                    | <u>SHEET No.</u><br><br><b>- 6 -</b> |            |
| <b>K16</b>                                       |                 | EC No.: <b>UCP2013-3732</b> |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
|                                                  |                 | DATE: <b>10/9/2013</b>      |                    |                                                                  |            |                     |                 |               |                    |                                      |            |
| DOCUMENT NUMBER:                                 |                 |                             |                    | CREATED / REVISED BY:                                            |            | CHECKED BY:         |                 | APPROVED BY:  |                    |                                      |            |
| <b>SD- 42376-001</b>                             |                 |                             |                    | <b>MKIPPER</b>                                                   |            | <b>BANDERSON</b>    |                 | <b>FSMITH</b> |                    |                                      |            |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                             |                    |                                                                  |            |                     |                 |               |                    |                                      |            |

|                                                  |                 |                             |      |                 |                                                                  |  |             |  |              |              |  |
|--------------------------------------------------|-----------------|-----------------------------|------|-----------------|------------------------------------------------------------------|--|-------------|--|--------------|--------------|--|
|                                                  |                 |                             |      |                 |                                                                  |  |             |  |              |              |  |
| A-42376-0352 / 0386                              |                 |                             |      |                 |                                                                  |  |             |  |              |              |  |
| HEADER NUMBER:                                   |                 | 42312-0002/0036             |      |                 |                                                                  |  |             |  |              |              |  |
| PIN NUMBER:                                      |                 | 42663-DAB208                |      |                 |                                                                  |  |             |  |              |              |  |
| PIN LENGTH: L                                    |                 | .765/19.43                  |      |                 |                                                                  |  |             |  |              |              |  |
| MATING LENGTH: M                                 |                 | .405/10.29                  |      |                 |                                                                  |  |             |  |              |              |  |
| GOLD POINT: G                                    |                 | .180/4.57                   |      |                 |                                                                  |  |             |  |              |              |  |
| PIN HEIGHT: Y                                    |                 | .248/6.30                   |      |                 |                                                                  |  |             |  |              |              |  |
| PC TAIL LENGTH: P                                |                 | .135/3.43                   |      |                 |                                                                  |  |             |  |              |              |  |
| TIN: T                                           |                 | .135/3.43                   |      |                 |                                                                  |  |             |  |              |              |  |
| CKTS:                                            |                 | 2-36                        |      |                 |                                                                  |  |             |  |              |              |  |
| KINKS:                                           |                 | PER SMES-42003              |      |                 |                                                                  |  |             |  |              |              |  |
| VOIDED CKTS:                                     |                 | NONE                        |      |                 |                                                                  |  |             |  |              |              |  |
| PACKAGING:                                       |                 | BULK PK-40873-0043          |      |                 |                                                                  |  |             |  |              |              |  |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER | ENG NUMBER                                                       |  |             |  |              |              |  |
| 02                                               | 22-28-7023      | 42376-0352                  | 20   | 22-28-7203      | 42376-0370                                                       |  |             |  |              |              |  |
| 03                                               | 22-28-7033      | 42376-0353                  | 21   | 22-28-7213      | 42376-0371                                                       |  |             |  |              |              |  |
| 04                                               | 22-28-7043      | 42376-0354                  | 22   | 22-28-7223      | 42376-0372                                                       |  |             |  |              |              |  |
| 05                                               | 22-28-7053      | 42376-0355                  | 23   | 22-28-7233      | 42376-0373                                                       |  |             |  |              |              |  |
| 06                                               | 22-28-7063      | 42376-0356                  | 24   | 22-28-7243      | 42376-0374                                                       |  |             |  |              |              |  |
| 07                                               | 22-28-7073      | 42376-0357                  | 25   | 22-28-7253      | 42376-0375                                                       |  |             |  |              |              |  |
| 08                                               | 22-28-7083      | 42376-0358                  | 26   | 22-28-7263      | 42376-0376                                                       |  |             |  |              |              |  |
| 09                                               | 22-28-7093      | 42376-0359                  | 27   | 22-28-7273      | 42376-0377                                                       |  |             |  |              |              |  |
| 10                                               | 22-28-7103      | 42376-0360                  | 28   | 22-28-7283      | 42376-0378                                                       |  |             |  |              |              |  |
| 11                                               | 22-28-7113      | 42376-0361                  | 29   | 22-28-7293      | 42376-0379                                                       |  |             |  |              |              |  |
| 12                                               | 22-28-7123      | 42376-0362                  | 30   | 22-28-7303      | 42376-0380                                                       |  |             |  |              |              |  |
| 13                                               | 22-28-7133      | 42376-0363                  | 31   | 22-28-7313      | 42376-0381                                                       |  |             |  |              |              |  |
| 14                                               | 22-28-7143      | 42376-0364                  | 32   | 22-28-7323      | 42376-0382                                                       |  |             |  |              |              |  |
| 15                                               | 22-28-7153      | 42376-0365                  | 33   | 22-28-7333      | 42376-0383                                                       |  |             |  |              |              |  |
| 16                                               | 22-28-7163      | 42376-0366                  | 34   | 22-28-7343      | 42376-0384                                                       |  |             |  |              |              |  |
| 17                                               | 22-28-7173      | 42376-0367                  | 35   | 22-28-7353      | 42376-0385                                                       |  |             |  |              |              |  |
| 18                                               | 22-28-7183      | 42376-0368                  | 36   | 22-28-7363      | 42376-0386                                                       |  |             |  |              |              |  |
| 19                                               | 22-28-7193      | 42376-0369                  |      |                 |                                                                  |  |             |  |              |              |  |
|                                                  |                 |                             |      |                 |                                                                  |  |             |  |              |              |  |
| REV:                                             |                 | ECR / ECN INFORMATION:      |      |                 | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |  |             |  |              | SHEET No.    |  |
| <b>K16</b>                                       |                 | EC No.: <b>UCP2013-3732</b> |      |                 |                                                                  |  |             |  |              | <b>- 7 -</b> |  |
|                                                  |                 | DATE: <b>10/9/2013</b>      |      |                 |                                                                  |  |             |  |              |              |  |
| DOCUMENT NUMBER:                                 |                 |                             |      |                 | CREATED / REVISED BY:                                            |  | CHECKED BY: |  | APPROVED BY: |              |  |
| SD- 42376-001                                    |                 |                             |      |                 | MKIPPER                                                          |  | BANDERSON   |  | FSMITH       |              |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                             |      |                 |                                                                  |  |             |  |              |              |  |

| A-42376-0387 / 0421 |                 |                    |      |                 |            |
|---------------------|-----------------|--------------------|------|-----------------|------------|
| HEADER NUMBER:      |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:         |                 | 42663-DAB228       |      |                 |            |
| PIN LENGTH: L       |                 | .765/19.43         |      |                 |            |
| MATING LENGTH: M    |                 | .405/10.29         |      |                 |            |
| GOLD POINT: G       |                 | .180/4.57          |      |                 |            |
| PIN HEIGHT: Y       |                 | .248/6.30          |      |                 |            |
| PC TAIL LENGTH: P   |                 | .135/3.43          |      |                 |            |
| TIN: T              |                 | .135/3.43          |      |                 |            |
| CKTS:               |                 | 2-36               |      |                 |            |
| KINKS:              |                 | PER SMES-42003     |      |                 |            |
| VOIDED CKTS:        |                 | NONE               |      |                 |            |
| PACKAGING:          |                 | BULK PK-40873-0043 |      |                 |            |
| CKTS                | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                  | 22-28-7025      | 42376-0387         | 20   | 22-28-7205      | 42376-0405 |
| 03                  | 22-28-7035      | 42376-0388         | 21   | 22-28-7215      | 42376-0406 |
| 04                  | 22-28-7045      | 42376-0389         | 22   | 22-28-7225      | 42376-0407 |
| 05                  | 22-28-7055      | 42376-0390         | 23   | 22-28-7235      | 42376-0408 |
| 06                  | 22-28-7065      | 42376-0391         | 24   | 22-28-7245      | 42376-0409 |
| 07                  | 22-28-7075      | 42376-0392         | 25   | 22-28-7255      | 42376-0410 |
| 08                  | 22-28-7085      | 42376-0393         | 26   | 22-28-7265      | 42376-0411 |
| 09                  | 22-28-7095      | 42376-0394         | 27   | 22-28-7275      | 42376-0412 |
| 10                  | 22-28-7105      | 42376-0395         | 28   | 22-28-7285      | 42376-0413 |
| 11                  | 22-28-7115      | 42376-0396         | 29   | 22-28-7295      | 42376-0414 |
| 12                  | 22-28-7125      | 42376-0397         | 30   | 22-28-7305      | 42376-0415 |
| 13                  | 22-28-7135      | 42376-0398         | 31   | 22-28-7315      | 42376-0416 |
| 14                  | 22-28-7145      | 42376-0399         | 32   | 22-28-7325      | 42376-0417 |
| 15                  | 22-28-7155      | 42376-0400         | 33   | 22-28-7335      | 42376-0418 |
| 16                  | 22-28-7165      | 42376-0401         | 34   | 22-28-7345      | 42376-0419 |
| 17                  | 22-28-7175      | 42376-0402         | 35   | 22-28-7355      | 42376-0420 |
| 18                  | 22-28-7185      | 42376-0403         | 36   | 22-28-7365      | 42376-0421 |
| 19                  | 22-28-7195      | 42376-0404         |      |                 |            |

| A-42376-0422/0456 |                 |                 |                 | A-42376-0549/0581 |                 |                    |                 | A-42376-0582/0616 |                 |                 |                 |
|-------------------|-----------------|-----------------|-----------------|-------------------|-----------------|--------------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| HEADER NUMBER:    |                 | 42312-0002/0036 |                 | HEADER NUMBER:    |                 | 42312-0004/0036    |                 | HEADER NUMBER:    |                 | 42312-0002/0036 |                 |
| PIN NUMBER:       |                 | 42663-ATA154    |                 | PIN NUMBER:       |                 | 42663-DAA154       |                 | PIN NUMBER:       |                 | 42663-DCA154    |                 |
| PIN LENGTH: L     |                 | .530/13.46      |                 | PIN LENGTH: L     |                 | .765/19.43         |                 | PIN LENGTH: L     |                 | .775/19.69      |                 |
| MATING LENGTH: M  |                 | .276/7.01       |                 | MATING LENGTH: M  |                 | .405/10.29         |                 | MATING LENGTH: M  |                 | .524/13.31      |                 |
| GOLD POINT: G     |                 | N/A             |                 | GOLD POINT: G     |                 | N/A                |                 | GOLD POINT: G     |                 | N/A             |                 |
| PIN HEIGHT: Y     |                 | .142/3.61       |                 | PIN HEIGHT: Y     |                 | .248/6.30          |                 | PIN HEIGHT: Y     |                 | .142/3.61       |                 |
| PC TAIL LENGTH: P |                 | .135/3.43       |                 | PC TAIL LENGTH: P |                 | .135/3.43          |                 | PC TAIL LENGTH: P |                 | .131/3.33       |                 |
| TIN: T            |                 | OVERALL         |                 | TIN: T            |                 | OVERALL            |                 | TIN: T            |                 | OVERALL         |                 |
| CKTS:             |                 | 2-36            |                 | CKTS:             |                 | 4-36               |                 | CKTS:             |                 | 2-36            |                 |
| KINKS:            |                 | PER SMES-42003  |                 | KINKS:            |                 | PER SMES-42003     |                 | KINKS:            |                 | NONE            |                 |
| VOIDED CKTS:      |                 | NONE            |                 | VOIDED CKTS:      |                 | 3                  |                 | VOIDED CKTS:      |                 | NONE            |                 |
| PACKAGING         |                 | PK-40873-0041   |                 | PACKAGING         |                 | BULK PK-40873-0043 |                 | PACKAGING         |                 | PK-40873-0043   |                 |
| CKTS              | MATERIAL NUMBER | CKTS            | MATERIAL NUMBER | CKTS              | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER | CKTS              | MATERIAL NUMBER | CKTS            | MATERIAL NUMBER |
| 02                | 42376-0422      | 20              | 42376-0440      | 02                |                 | 20                 | 42376-0565      | 02                | 42376-0582      | 20              | 42376-0600      |
| 03                | 42376-0423      | 21              | 42376-0441      | 03                |                 | 21                 | 42376-0566      | 03                | 42376-0583      | 21              | 42376-0601      |
| 04                | 42376-0424      | 22              | 42376-0442      | 04                | 42376-0549      | 22                 | 42376-0567      | 04                | 42376-0584      | 22              | 42376-0602      |
| 05                | 42376-0425      | 23              | 42376-0443      | 05                | 42376-0550      | 23                 | 42376-0568      | 05                | 42376-0585      | 23              | 42376-0603      |
| 06                | 42376-0426      | 24              | 42376-0444      | 06                | 42376-0551      | 24                 | 42376-0569      | 06                | 42376-0586      | 24              | 42376-0604      |
| 07                | 42376-0427      | 25              | 42376-0445      | 07                | 42376-0552      | 25                 | 42376-0570      | 07                | 42376-0587      | 25              | 42376-0605      |
| 08                | 42376-0428      | 26              | 42376-0446      | 08                | 42376-0553      | 26                 | 42376-0571      | 08                | 42376-0588      | 26              | 42376-0606      |
| 09                | 42376-0429      | 27              | 42376-0447      | 09                | 42376-0554      | 27                 | 42376-0572      | 09                | 42376-0589      | 27              | 42376-0607      |
| 10                | 42376-0430      | 28              | 42376-0448      | 10                | 42376-0555      | 28                 | 42376-0573      | 10                | 42376-0590      | 28              | 42376-0608      |
| 11                | 42376-0431      | 29              | 42376-0449      | 11                | 42376-0556      | 29                 | 42376-0574      | 11                | 42376-0591      | 29              | 42376-0609      |
| 12                | 42376-0432      | 30              | 42376-0450      | 12                | 42376-0557      | 30                 | 42376-0575      | 12                | 42376-0592      | 30              | 42376-0610      |
| 13                | 42376-0433      | 31              | 42376-0451      | 13                | 42376-0558      | 31                 | 42376-0576      | 13                | 42376-0593      | 31              | 42376-0611      |
| 14                | 42376-0434      | 32              | 42376-0452      | 14                | 42376-0559      | 32                 | 42376-0577      | 14                | 42376-0594      | 32              | 42376-0612      |
| 15                | 42376-0435      | 33              | 42376-0453      | 15                | 42376-0560      | 33                 | 42376-0578      | 15                | 42376-0595      | 33              | 42376-0613      |
| 16                | 42376-0436      | 34              | 42376-0454      | 16                | 42376-0561      | 34                 | 42376-0579      | 16                | 42376-0596      | 34              | 42376-0614      |
| 17                | 42376-0437      | 35              | 42376-0455      | 17                | 42376-0562      | 35                 | 42376-0580      | 17                | 42376-0597      | 35              | 42376-0615      |
| 18                | 42376-0438      | 36              | 42376-0456      | 18                | 42376-0563      | 36                 | 42376-0581      | 18                | 42376-0598      | 36              | 42376-0616      |
| 19                | 42376-0439      |                 |                 | 19                | 42376-0564      |                    |                 | 19                | 42376-0599      |                 |                 |

|                                                     |                                                                                                       |                                                                                       |                                            |                                          |                                      |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------|--------------------------------------|
| REV:<br><br><b>K16</b>                              | ECR / ECN INFORMATION:<br><br><u>EC No.:</u> <b>UCP2013-3732</b><br><br><u>DATE:</u> <b>10/9/2013</b> | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |                                            |                                          | <u>SHEET No.</u><br><br><b>- 8 -</b> |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42376-001</b> |                                                                                                       | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                                    | <u>CHECKED BY:</u><br><br><b>BANDERSON</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |                                      |

|                                                  |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |
|--------------------------------------------------|-----------------|-----------------------------|------|-----------------|------------|------------------------------------------------------------------|--|-------------|--|--------------|--|
|                                                  |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |
| 42376-0683 / ----                                |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |
| HEADER NUMBER:                                   |                 | 42312-0002/0036             |      |                 |            |                                                                  |  |             |  |              |  |
| PIN NUMBER:                                      |                 | 42663-CTB208                |      |                 |            |                                                                  |  |             |  |              |  |
| PIN LENGTH: L                                    |                 | .740/18.80                  |      |                 |            |                                                                  |  |             |  |              |  |
| MATING LENGTH: M                                 |                 | .405/10.29                  |      |                 |            |                                                                  |  |             |  |              |  |
| GOLD POINT: G                                    |                 | .180/4.57                   |      |                 |            |                                                                  |  |             |  |              |  |
| PIN HEIGHT: Y                                    |                 | .235/5.97                   |      |                 |            |                                                                  |  |             |  |              |  |
| PC TAIL LENGTH: P                                |                 | .123/3.12                   |      |                 |            |                                                                  |  |             |  |              |  |
| TIN: T                                           |                 | .135/3.43                   |      |                 |            |                                                                  |  |             |  |              |  |
| CKTS:                                            |                 | 2-36                        |      |                 |            |                                                                  |  |             |  |              |  |
| KINKS:                                           |                 | NONE                        |      |                 |            |                                                                  |  |             |  |              |  |
| VOIDED CKTS:                                     |                 | NONE                        |      |                 |            |                                                                  |  |             |  |              |  |
| PACKAGING:                                       |                 | BULK PK-40873-0041          |      |                 |            |                                                                  |  |             |  |              |  |
| CKTS                                             | MATERIAL NUMBER | ENG NUMBER                  | CKTS | MATERIAL NUMBER | ENG NUMBER |                                                                  |  |             |  |              |  |
| 02                                               |                 |                             | 20   |                 |            |                                                                  |  |             |  |              |  |
| 03                                               |                 |                             | 21   |                 |            |                                                                  |  |             |  |              |  |
| 04                                               |                 |                             | 22   |                 |            |                                                                  |  |             |  |              |  |
| 05                                               |                 |                             | 23   |                 |            |                                                                  |  |             |  |              |  |
| 06                                               | 423760687       | 42376-0687                  | 24   |                 |            |                                                                  |  |             |  |              |  |
| 07                                               |                 |                             | 25   |                 |            |                                                                  |  |             |  |              |  |
| 08                                               |                 |                             | 26   |                 |            |                                                                  |  |             |  |              |  |
| 09                                               |                 |                             | 27   |                 |            |                                                                  |  |             |  |              |  |
| 10                                               |                 |                             | 28   |                 |            |                                                                  |  |             |  |              |  |
| 11                                               |                 |                             | 29   |                 |            |                                                                  |  |             |  |              |  |
| 12                                               |                 |                             | 30   |                 |            |                                                                  |  |             |  |              |  |
| 13                                               |                 |                             | 31   |                 |            |                                                                  |  |             |  |              |  |
| 14                                               |                 |                             | 32   |                 |            |                                                                  |  |             |  |              |  |
| 15                                               |                 |                             | 33   |                 |            |                                                                  |  |             |  |              |  |
| 16                                               |                 |                             | 34   |                 |            |                                                                  |  |             |  |              |  |
| 17                                               |                 |                             | 35   |                 |            |                                                                  |  |             |  |              |  |
| 18                                               |                 |                             | 36   |                 |            |                                                                  |  |             |  |              |  |
| 19                                               |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |
|                                                  |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |
| REV:                                             |                 | ECR / ECN INFORMATION:      |      |                 |            | <b>KK 100 HEADER ASSEMBLY<br/>FLAT RIGHT ANGLE<br/>BREAKAWAY</b> |  |             |  | SHEET No.    |  |
| <b>K16</b>                                       |                 | EC No.: <b>UCP2013-3732</b> |      |                 |            |                                                                  |  |             |  | <b>- 9 -</b> |  |
|                                                  |                 | DATE: <b>10/9/2013</b>      |      |                 |            |                                                                  |  |             |  |              |  |
| DOCUMENT NUMBER:                                 |                 |                             |      |                 |            | CREATED / REVISED BY:                                            |  | CHECKED BY: |  | APPROVED BY: |  |
| SD- 42376-001                                    |                 |                             |      |                 |            | MKIPPER                                                          |  | BANDERSON   |  | FSMITH       |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                             |      |                 |            |                                                                  |  |             |  |              |  |

| 42376-0718 / ---- |                 |                    |      |                 |            |
|-------------------|-----------------|--------------------|------|-----------------|------------|
| HEADER NUMBER:    |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:       |                 | 42663-ANA154       |      |                 |            |
| PIN LENGTH: L     |                 | .510/12.95         |      |                 |            |
| MATING LENGTH: M  |                 | .175/4.45          |      |                 |            |
| GOLD POINT: G     |                 | N/A                |      |                 |            |
| PIN HEIGHT: Y     |                 | .248/6.30          |      |                 |            |
| PC TAIL LENGTH: P |                 | .100/2.54          |      |                 |            |
| TIN: T            |                 | OVERALL            |      |                 |            |
| CKTS:             |                 | 2-36               |      |                 |            |
| KINKS:            |                 | NONE               |      |                 |            |
| VOIDED CKTS:      |                 | NONE               |      |                 |            |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                | 423760718       | 42376-0718         | 20   |                 |            |
| 03                |                 |                    | 21   |                 |            |
| 04                |                 |                    | 22   |                 |            |
| 05                |                 |                    | 23   |                 |            |
| 06                |                 |                    | 24   |                 |            |
| 07                |                 |                    | 25   |                 |            |
| 08                |                 |                    | 26   |                 |            |
| 09                |                 |                    | 27   |                 |            |
| 10                |                 |                    | 28   |                 |            |
| 11                |                 |                    | 29   |                 |            |
| 12                |                 |                    | 30   |                 |            |
| 13                |                 |                    | 31   |                 |            |
| 14                |                 |                    | 32   |                 |            |
| 15                |                 |                    | 33   |                 |            |
| 16                |                 |                    | 34   |                 |            |
| 17                |                 |                    | 35   |                 |            |
| 18                |                 |                    | 36   |                 |            |
| 19                |                 |                    |      |                 |            |

|                   |                 |            |                    |                 |            |                   |                 |            |                    |                 |            |
|-------------------|-----------------|------------|--------------------|-----------------|------------|-------------------|-----------------|------------|--------------------|-----------------|------------|
| 42376-0753 / 0787 |                 |            |                    |                 |            | 42376-0788 / 0822 |                 |            |                    |                 |            |
| HEADER NUMBER:    |                 |            | 42312-0002/0036    |                 |            | HEADER NUMBER:    |                 |            | 42312-0002/0036    |                 |            |
| PIN NUMBER:       |                 |            | 42663-BBA154       |                 |            | PIN NUMBER:       |                 |            | 42663-DHA154       |                 |            |
| PIN LENGTH: L     |                 |            | .560/14.22         |                 |            | PIN LENGTH: L     |                 |            | .800 / 20.32       |                 |            |
| MATING LENGTH: M  |                 |            | .208/5.28          |                 |            | MATING LENGTH: M  |                 |            | .350 / 8.90        |                 |            |
| GOLD POINT: G     |                 |            | N/A                |                 |            | GOLD POINT: G     |                 |            | N/A                |                 |            |
| PIN HEIGHT: Y     |                 |            | .248/6.30          |                 |            | PIN HEIGHT: Y     |                 |            | .354 / 9.00        |                 |            |
| PC TAIL LENGTH: P |                 |            | .120/3.05          |                 |            | PC TAIL LENGTH: P |                 |            | .118 / 3.00        |                 |            |
| TIN: T            |                 |            | OVERALL            |                 |            | TIN: T            |                 |            | OVERALL            |                 |            |
| CKTS:             |                 |            | 2-36               |                 |            | CKTS:             |                 |            | 2-36               |                 |            |
| KINKS:            |                 |            | NONE               |                 |            | KINKS:            |                 |            | NONE               |                 |            |
| VOIDED CKTS:      |                 |            | NONE               |                 |            | VOIDED CKTS:      |                 |            | NONE               |                 |            |
| PACKAGING:        |                 |            | BULK PK-40873-0041 |                 |            | PACKAGING:        |                 |            | BULK PK-40873-0041 |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER | CKTS               | MATERIAL NUMBER | ENG NUMBER | CKTS              | MATERIAL NUMBER | ENG NUMBER | CKTS               | MATERIAL NUMBER | ENG NUMBER |
| 02                |                 |            | 20                 |                 |            | 02                |                 |            | 20                 |                 |            |
| 03                |                 |            | 21                 |                 |            | 03                |                 |            | 21                 |                 |            |
| 04                |                 |            | 22                 |                 |            | 04                | 423760790       | 42376-0790 | 22                 |                 |            |
| 05                | 423760756       | 42376-0756 | 23                 |                 |            | 05                |                 |            | 23                 |                 |            |
| 06                |                 |            | 24                 |                 |            | 06                | 423760792       | 42376-0792 | 24                 |                 |            |
| 07                |                 |            | 25                 |                 |            | 07                |                 |            | 25                 |                 |            |
| 08                |                 |            | 26                 |                 |            | 08                |                 |            | 26                 |                 |            |
| 09                |                 |            | 27                 | 423760778       | 42376-0778 | 09                |                 |            | 27                 |                 |            |
| 10                |                 |            | 28                 |                 |            | 10                |                 |            | 28                 |                 |            |
| 11                |                 |            | 29                 | 423760780       | 42376-0780 | 11                |                 |            | 29                 |                 |            |
| 12                |                 |            | 30                 |                 |            | 12                |                 |            | 30                 |                 |            |
| 13                |                 |            | 31                 |                 |            | 13                |                 |            | 31                 |                 |            |
| 14                |                 |            | 32                 |                 |            | 14                |                 |            | 32                 |                 |            |
| 15                |                 |            | 33                 |                 |            | 15                |                 |            | 33                 |                 |            |
| 16                |                 |            | 34                 |                 |            | 16                |                 |            | 34                 |                 |            |
| 17                |                 |            | 35                 |                 |            | 17                |                 |            | 35                 |                 |            |
| 18                |                 |            | 36                 |                 |            | 18                |                 |            | 36                 |                 |            |
| 19                |                 |            |                    |                 |            | 19                |                 |            |                    |                 |            |

  

|                         |                             |                                                                                        |                    |                     |
|-------------------------|-----------------------------|----------------------------------------------------------------------------------------|--------------------|---------------------|
| REV:                    | ECR / ECN INFORMATION:      | <u>TITLE:</u>                                                                          |                    | <u>SHEET No.</u>    |
| <b>K16</b>              | EC No.: <b>UCP2013-3732</b> | <b>KK 100 HEADER ASSEMBLY<br/>           FLAT RIGHT ANGLE<br/>           BREAKAWAY</b> |                    | <b>- 10 -</b>       |
|                         | DATE: <b>10/9/2013</b>      |                                                                                        |                    |                     |
| <u>DOCUMENT NUMBER:</u> |                             | <u>CREATED / REVISED BY:</u>                                                           | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |
| <b>SD- 42376-001</b>    |                             | <b>MKIPPER</b>                                                                         | <b>BANDERSON</b>   | <b>FSMITH</b>       |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

|                   |                 |                    |      |                 |            |
|-------------------|-----------------|--------------------|------|-----------------|------------|
|                   |                 |                    |      |                 |            |
| 42376-0822 / 0856 |                 |                    |      |                 |            |
| HEADER NUMBER:    |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:       |                 | 42663-ATA154       |      |                 |            |
| PIN LENGTH: L     |                 | .530/13.46         |      |                 |            |
| MATING LENGTH: M  |                 | .198/5.03          |      |                 |            |
| GOLD POINT: G     |                 | N/A                |      |                 |            |
| PIN HEIGHT: Y     |                 | .235/5.97          |      |                 |            |
| PC TAIL LENGTH: P |                 | .120/3.05          |      |                 |            |
| TIN: T            |                 | OVERALL            |      |                 |            |
| CKTS:             |                 | 2-36               |      |                 |            |
| KINKS:            |                 | NONE               |      |                 |            |
| VOIDED CKTS:      |                 | NONE               |      |                 |            |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                |                 |                    | 20   |                 |            |
| 03                |                 |                    | 21   |                 |            |
| 04                |                 |                    | 22   |                 |            |
| 05                | 423760825       | 42376-0825         | 23   |                 |            |
| 06                |                 |                    | 24   |                 |            |
| 07                |                 |                    | 25   |                 |            |
| 08                |                 |                    | 26   |                 |            |
| 09                |                 |                    | 27   |                 |            |
| 10                |                 |                    | 28   |                 |            |
| 11                |                 |                    | 29   |                 |            |
| 12                |                 |                    | 30   |                 |            |
| 13                |                 |                    | 31   |                 |            |
| 14                |                 |                    | 32   |                 |            |
| 15                |                 |                    | 33   |                 |            |
| 16                |                 |                    | 34   |                 |            |
| 17                |                 |                    | 35   |                 |            |
| 18                |                 |                    | 36   |                 |            |
| 19                |                 |                    |      |                 |            |

  

|                   |                 |                    |      |                 |            |
|-------------------|-----------------|--------------------|------|-----------------|------------|
| 42376-0892 / 0926 |                 |                    |      |                 |            |
| HEADER NUMBER:    |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:       |                 | 42663-DYA154       |      |                 |            |
| PIN LENGTH: L     |                 | .860/21.84         |      |                 |            |
| MATING LENGTH: M  |                 | .649/16.48         |      |                 |            |
| GOLD POINT: G     |                 | N/A                |      |                 |            |
| PIN HEIGHT: Y     |                 | .142/3.61          |      |                 |            |
| PC TAIL LENGTH: P |                 | .093/2.35          |      |                 |            |
| TIN: T            |                 | OVERALL            |      |                 |            |
| CKTS:             |                 | 2-36               |      |                 |            |
| KINKS:            |                 | NONE               |      |                 |            |
| VOIDED CKTS:      |                 | NONE               |      |                 |            |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                |                 |                    | 20   |                 |            |
| 03                |                 |                    | 21   |                 |            |
| 04                |                 |                    | 22   |                 |            |
| 05                |                 |                    | 23   |                 |            |
| 06                |                 |                    | 24   |                 |            |
| 07                |                 |                    | 25   |                 |            |
| 08                | 423760898       | 42376-0898         | 26   |                 |            |
| 09                |                 |                    | 27   |                 |            |
| 10                |                 |                    | 28   |                 |            |
| 11                |                 |                    | 29   |                 |            |
| 12                |                 |                    | 30   |                 |            |
| 13                |                 |                    | 31   |                 |            |
| 14                |                 |                    | 32   |                 |            |
| 15                |                 |                    | 33   |                 |            |
| 16                |                 |                    | 34   |                 |            |
| 17                |                 |                    | 35   |                 |            |
| 18                |                 |                    | 36   |                 |            |
| 19                |                 |                    |      |                 |            |

  

|                         |                                                                     |                                                                                        |                    |
|-------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------|
| REV:                    | ECR / ECN INFORMATION:                                              | <u>TITLE:</u>                                                                          | <u>SHEET No.</u>   |
| <b>K16</b>              | <u>EC No.:</u> <b>UCP2013-3732</b><br><u>DATE:</u> <b>10/9/2013</b> | <b>KK 100 HEADER ASSEMBLY<br/>           FLAT RIGHT ANGLE<br/>           BREAKAWAY</b> | <b>- 11 -</b>      |
| <u>DOCUMENT NUMBER:</u> |                                                                     | <u>CREATED / REVISED BY:</u>                                                           | <u>CHECKED BY:</u> |
| <b>SD- 42376-001</b>    |                                                                     | <b>MKIPPER</b>                                                                         | <b>BANDERSON</b>   |
|                         |                                                                     | <u>APPROVED BY:</u>                                                                    |                    |
|                         |                                                                     | <b>FSMITH</b>                                                                          |                    |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC

|                   |                 |                    |      |                 |            |
|-------------------|-----------------|--------------------|------|-----------------|------------|
|                   |                 |                    |      |                 |            |
|                   |                 |                    |      |                 |            |
| <b>42376-0928</b> |                 |                    |      |                 |            |
| HEADER NUMBER:    |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:       |                 | 42663-0642         |      |                 |            |
| PLATING:          |                 | 197                |      |                 |            |
| PIN LENGTH: L     |                 | .730/18.54         |      |                 |            |
| MATING LENGTH: M  |                 | .501/12.72         |      |                 |            |
| GOLD POINT: G     |                 | N/A                |      |                 |            |
| PIN HEIGHT: Y     |                 | .142/3.61          |      |                 |            |
| PC TAIL LENGTH: P |                 | .110/.280          |      |                 |            |
| TIN: T            |                 | OVERALL            |      |                 |            |
| CKTS:             |                 | 2-36               |      |                 |            |
| KINKS:            |                 | NONE               |      |                 |            |
| VOIDED CKTS:      |                 | NONE               |      |                 |            |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                |                 |                    | 20   |                 |            |
| 03                | 42376-0928      | 42376-0928         | 21   |                 |            |
| 04                |                 |                    | 22   |                 |            |
| 05                |                 |                    | 23   |                 |            |
| 06                |                 |                    | 24   |                 |            |
| 07                |                 |                    | 25   |                 |            |
| 08                |                 |                    | 26   |                 |            |
| 09                |                 |                    | 27   |                 |            |
| 10                |                 |                    | 28   |                 |            |
| 11                |                 |                    | 29   |                 |            |
| 12                |                 |                    | 30   |                 |            |
| 13                |                 |                    | 31   |                 |            |
| 14                |                 |                    | 32   |                 |            |
| 15                |                 |                    | 33   |                 |            |
| 16                |                 |                    | 34   |                 |            |
| 17                |                 |                    | 35   |                 |            |
| 18                |                 |                    | 36   |                 |            |
| 19                |                 |                    |      |                 |            |

|                   |                 |                    |      |                 |            |
|-------------------|-----------------|--------------------|------|-----------------|------------|
| <b>42376-0962</b> |                 |                    |      |                 |            |
| HEADER NUMBER:    |                 | 42312-0002/0036    |      |                 |            |
| PIN NUMBER:       |                 | 42663-0203         |      |                 |            |
| PLATING:          |                 | 208                |      |                 |            |
| PIN LENGTH: L     |                 | .510/12.95         |      |                 |            |
| MATING LENGTH: M  |                 | .164/4.17          |      |                 |            |
| GOLD POINT: G     |                 | .140/3.56          |      |                 |            |
| PIN HEIGHT: Y     |                 | .142/3.61          |      |                 |            |
| PC TAIL LENGTH: P |                 | .227/5.77          |      |                 |            |
| TIN: T            |                 | .135/3.43          |      |                 |            |
| CKTS:             |                 | 2-36               |      |                 |            |
| KINKS:            |                 | NONE               |      |                 |            |
| VOIDED CKTS:      |                 | NONE               |      |                 |            |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |            |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                | 42376-0962      | 42376-0962         | 20   |                 |            |
| 03                |                 |                    | 21   |                 |            |
| 04                |                 |                    | 22   |                 |            |
| 05                |                 |                    | 23   |                 |            |
| 06                |                 |                    | 24   |                 |            |
| 07                |                 |                    | 25   |                 |            |
| 08                |                 |                    | 26   |                 |            |
| 09                |                 |                    | 27   |                 |            |
| 10                |                 |                    | 28   |                 |            |
| 11                |                 |                    | 29   |                 |            |
| 12                |                 |                    | 30   |                 |            |
| 13                |                 |                    | 31   |                 |            |
| 14                |                 |                    | 32   |                 |            |
| 15                |                 |                    | 33   |                 |            |
| 16                |                 |                    | 34   |                 |            |
| 17                |                 |                    | 35   |                 |            |
| 18                |                 |                    | 36   |                 |            |
| 19                |                 |                    |      |                 |            |

|                         |                                                                     |                                                                    |                    |
|-------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|--------------------|
| REV:                    | ECR / ECN INFORMATION:                                              | <u>TITLE:</u>                                                      | <u>SHEET No.</u>   |
| <b>K16</b>              | <u>EC No.:</u> <b>UCP2013-3732</b><br><u>DATE:</u> <b>10/9/2013</b> | <b>KK 100 HEADER ASSEMBLY<br/> FLAT RIGHT ANGLE<br/> BREAKAWAY</b> | <b>- 12 -</b>      |
| <u>DOCUMENT NUMBER:</u> |                                                                     | <u>CREATED / REVISED BY:</u>                                       | <u>CHECKED BY:</u> |
| <b>SD- 42376-001</b>    |                                                                     | <b>MKIPPER</b>                                                     | <b>BANDERSON</b>   |
|                         |                                                                     | <u>APPROVED BY:</u>                                                |                    |
|                         |                                                                     | <b>FSMITH</b>                                                      |                    |

TEMPLATE FILENAME: PRODUCT\_SPEC[SIZE\_A](V.1).DOC



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[42376-0549](#)