

Technical drawing of a multi-pin connector assembly. The drawing includes a top view (left) and a side view (right).

**Top View Dimensions:**

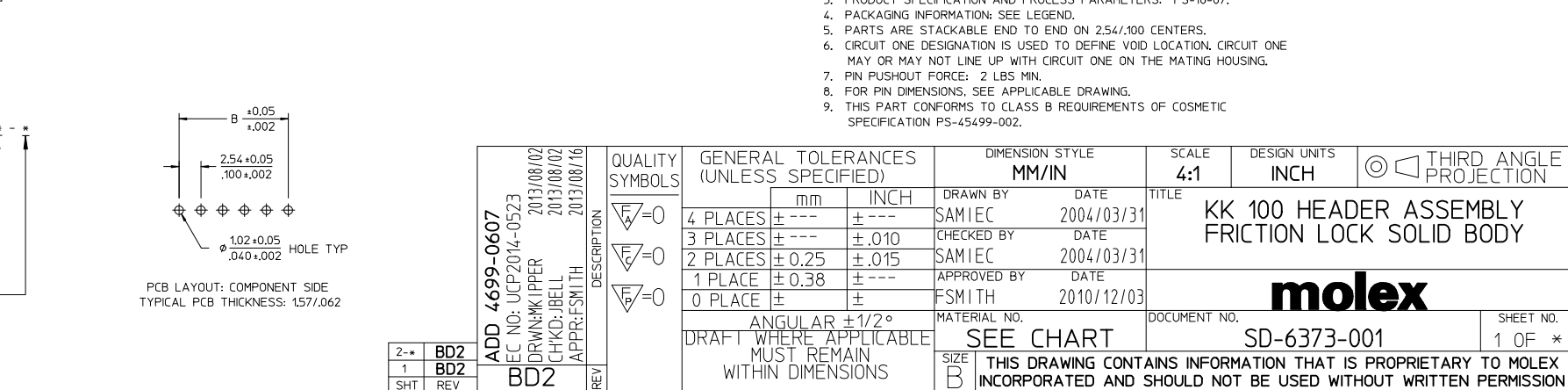
- AREF
- B
- 2.54 TYP .100 AT DATUM -D-
- 1.19 .047 TYP AT DATUM -D-
- 1.3 .05
- 3.18 .125
- 1.3 .05

**Side View Dimensions:**

- 1.07 .042 AT -D-
- 8.18 .322
- 3.10 .122
- 6.35 .250
- L REF
- M +0.38 ±0.15
- G GOLD
- P REF
- T TIN
- 1.3 .05

**Notes:**

- CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.
- SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)
- CIRCUIT #1 REF, SEE NOTE 6
- RECESSED GATE MAY BE PRESENT ON 2-25 CIRCUIT PARTS LOCATION VARIES
- GROOVE MAY BE PRESENT ON 2-6 CIRCUIT PARTS (BOTH SIDES).



|                                                  |                 |                           |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
|--------------------------------------------------|-----------------|---------------------------|-----|-----------------|------------------|-----------------------|---------|----------------------------------------------------|------------------|-------------------|-----|-----------------|------------------|------------------------|--|--|
| GROUP:                                           |                 | A-6373-NA222-*            |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| PIN NUMBER:                                      |                 | 42663-0306 OR 2766-1(222) |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| PIN LENGTH: L                                    |                 | .560 / (14.22)            |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| MATING: M                                        |                 | .295 / (7.49)             |     |                 |                  | DIM. G                | N/A     |                                                    |                  |                   |     |                 |                  |                        |  |  |
| PC TAIL: P                                       |                 | .140 / (3.56)             |     |                 |                  | DIM T                 | OVERALL |                                                    |                  |                   |     |                 |                  |                        |  |  |
| PACKAGING:                                       |                 | PK-6373-001 BULK          |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| CKT                                              | MATERIAL NUMBER | ENG NUMBER                | CKT | MATERIAL NUMBER | ENG NUMBER       | VOID CKT              | CKT     | MATERIAL NUMBER                                    | ENG NUMBER       | VOID CKT          | CKT | MATERIAL NUMBER | ENG NUMBER       | VOID CKT               |  |  |
| 2                                                | 22-23-2021      | A-6373-02A222             | 9   | 22-04-5094      | A-6373-09A222-4  | 4                     | 11      | 22-04-5117                                         | A-6373-11A222-7  | 7                 | 07  | 22-04-5076      | A-6373-07A222-2  | 2                      |  |  |
| 3                                                | 22-23-2031      | A-6373-03A222             | 9   | 22-04-5096      | A-6373-09A222-6  | 6                     | 06      | 22-04-5063                                         | A-6373-06A222-3  | 3                 | 07  | 22-04-5077      | A-6373-07A222-6  | 6                      |  |  |
| 4                                                | 22-23-2041      | A-6373-04A222             | 11  | 22-04-5114      | A-6373-11A222-4  | 4                     | 10      | 22-04-5101                                         | A-6373-10A222-1  | 1                 | 06  | 22-04-5069      | A-6373-06A222-54 | 4, 5                   |  |  |
| 5                                                | 22-23-2051      | A-6373-05A222             | 11  | 22-04-5118      | A-6373-11A222-8  | 8                     | 10      | 22-04-5102                                         | A-6373-10A222-2  | 2                 | 25  | 22-04-5252      | A-6373-25A222-2  | 2                      |  |  |
| 6                                                | 22-23-2061      | A-6373-06A222             | 08  | 22-04-5083      | A-6373-08A222-3  | 3                     | 10      | 22-04-5103                                         | A-6373-10A222-3  | 3                 | 08  | 22-04-5086      | A-6373-08A222-6  | 6                      |  |  |
| 7                                                | 22-23-2071      | A-6373-07A222             | 08  | 22-04-5082      | A-6373-08A222-2  | 2                     | 15      | 22-04-5154                                         | A-6373-15A222-14 | 14                | 08  | 22-04-5087      | A-6373-08A222-52 | 2,3,5,6,7              |  |  |
| 8                                                | 22-23-2081      | A-6373-08A222             | 10  | 22-04-5106      | A-6373-10A222-6  | 6                     | 05      | 22-04-5052                                         | A-6373-05A222-2  | 2                 | 10  | 22-04-5105      | A-6373-10A222-5  | 5                      |  |  |
| 9                                                | 22-23-2091      | A-6373-09A222             | 04  | 22-04-5043      | A-6373-04A222-3  | 3                     | 08      | 22-04-5084                                         | A-6373-08A222-4  | 4                 | 05  | 22-04-5057      | A-6373-05A222-52 | 2, 4                   |  |  |
| 10                                               | 22-23-2101      | A-6373-10A222             | 08  | 22-04-5081      | A-6373-08A222-51 | 2,4,6                 | 06      | 22-04-5064                                         | A-6373-06A222-4  | 4                 | 19  | 22-04-5198      | A-6373-19A222-8  | 8                      |  |  |
| 11                                               | 22-23-2111      | A-6373-11A222             | 09  | 22-04-5093      | A-6373-09A222-3  | 3                     | 03      | 22-04-5031                                         | A-6373-03A222-1  | 1                 | 11  | 22-04-5119      | A-6373-11A222-51 | 2,4,6,8,10             |  |  |
| 12                                               | 22-23-2121      | A-6373-12A222             | 08  | 22-04-5085      | A-6373-08A222-5  | 5                     | 05      | 22-04-5053                                         | A-6373-05A222-3  | 3                 | 12  | 22-04-5129      | A-6373-12A222-11 | 11                     |  |  |
| 13                                               | 22-23-2131      | A-6373-13A222             | 06  | 22-04-5065      | A-6373-06A222-5  | 5                     | 11      | 22-04-5116                                         | A-6373-11A222-6  | 6                 | 08  | 22-04-5088      | A-6373-08A222-53 | 4, 6                   |  |  |
| 14                                               | 22-23-2141      | A-6373-14A222             | 07  | 22-04-5072      | A-6373-07A222-52 | 2,4,6                 | 07      | 22-04-5074                                         | A-6373-07A222-4  | 4                 | 04  | 22-04-5044      | A-6373-04A222-4  | 4                      |  |  |
| 15                                               | 22-23-2151      | A-6373-15A222             | 06  | 22-04-5062      | A-6373-06A222-2  | 2                     | 10      | 22-04-5079                                         | A-6373-10A222-52 | 2,3,5,6,8,9       | 27  | 22-04-5277      | A-6373-27A222-51 | 3,7,9,11,14,16, 21, 23 |  |  |
| 16                                               | 22-23-2161      | A-6373-16A222             | 07  | 22-04-5071      | A-6373-07A222-51 | 2,3,5,6               | 04      | 22-04-5049                                         | A-6373-04A222-51 | 2,3               |     |                 |                  |                        |  |  |
| 17                                               | 22-23-2171      | A-6373-17A222             | 10  | 22-04-5100      | A-6373-10A222-10 | 10                    | 04      | 22-04-5048                                         | A-6373-04A222-52 | 2,4               | 11  | 22-04-5115      | A-6373-11A222-52 | 5, 6                   |  |  |
| 18                                               | 22-23-2181      | A-6373-18A222             | 10  | 22-04-5109      | A-6373-10A222-9  | 9                     | 04      | 22-04-5041                                         | A-6373-04A222-1  | 1                 | 24  | 22-23-3245      | A-6373-24A222-23 | 23                     |  |  |
| 19                                               | 22-23-2191      | A-6373-19A222             | 10  | 22-04-5108      | A-6373-10A222-8  | 8                     | 03      | 22-04-5032                                         | A-6373-03A222-2  | 2                 | 11  | 22-23-3115      | A-6373-11A222-10 | 10                     |  |  |
| 20                                               | 22-23-2201      | A-6373-20A222             | 05  | 22-04-5054      | A-6373-05A222-4  | 4                     | 13      | 22-04-5139                                         | A-6373-13A222-9  | 9                 | 15  | 22-23-3155      | A-6373-15A222-15 | 15                     |  |  |
| 21                                               | 22-23-2211      | A-6373-21A222             | 03  | 22-04-5033      | A-6373-03A222-3  | 3                     | 12      | 22-04-5126                                         | A-6373-12A222-6  | 6                 | 08  | 22-04-5089      | A-6373-08A222-54 | 2, 5                   |  |  |
| 22                                               | 22-23-2221      | A-6373-22A222             | 07  | 22-04-5075      | A-6373-07A222-5  | 5                     | 13      | 22-04-5131                                         | A-6373-13A222-51 | 2,3,5,6,8,9,11,12 | 06  | 22-23-2069      | A-6373-06A222-55 | 2,3,4,5                |  |  |
| 23                                               | 22-23-2231      | A-6373-23A222             | 07  | 22-04-5073      | A-6373-07A222-3  | 3                     | 06      | 22-04-5066                                         | A-6373-06A222-52 | 3,5               | 07  | 22-23-2079      | A-6373-07A222-53 | 2,3,4,5,6              |  |  |
| 24                                               | 22-23-2241      | A-6373-24A222             | 14  | 22-04-5149      | A-6373-14A222-9  | 9                     | 05      | 22-04-5056                                         | A-6373-05A222-51 | 1,3,5             | 13  | 22-23-1137      | A-6373-13A222-53 | 3,6,10,12              |  |  |
| 25                                               | 22-23-2251      | A-6373-25A222             | 15  | 22-04-5152      | A-6373-15A222-2  | 2                     | 06      | 22-04-5067                                         | A-6373-06A222-53 | 1, 5              | 10  | 22-23-1107      | A-6373-10A222-53 | 4,7                    |  |  |
| 26                                               | 22-23-2261      | A-6373-26A222             | 11  | 50-29-1594      | A-6373-11A222-53 | 2,3,4,5,7,8,9,10      | 06      | 22-04-5068                                         | A-6373-06A222-6  | 6                 | 18  | 22-23-1187      | A-6373-18A222-5  | 5                      |  |  |
| 27                                               | 22-23-2271      | A-6373-27A222             |     |                 |                  |                       | 02      | 22-04-5021                                         | A-6373-02A222-1  | 1                 | 18  | 22-23-1188      | A-6373-18A222-7  | 7                      |  |  |
| 28                                               | 22-23-2281      | A-6373-28A222             | 13  | 22-04-5132      | A-6373-13A222-52 | 8, 9                  | 04      | 22-04-5042                                         | A-6373-04A222-2  | 2                 | 12  | 50-29-0096      | A-6373-12A222-8  | 8                      |  |  |
|                                                  |                 |                           |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| REV:                                             |                 | ECR/ECN INFORMATION:      |     |                 |                  | TITLE:                |         | KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY |                  |                   |     |                 |                  | SHEET No.              |  |  |
| BD2                                              |                 | EC No.: UCP2014-0523      |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  | - 2 -                  |  |  |
|                                                  |                 | DATE: 8/19/2013           |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |
| DOCUMENT NUMBER:                                 |                 |                           |     |                 |                  | CREATED / REVISED BY: |         |                                                    |                  | CHECKED BY:       |     |                 |                  | APPROVED BY:           |  |  |
| SD - 6373 - 001                                  |                 |                           |     |                 |                  | MKIPPER               |         |                                                    |                  | JBELL             |     |                 |                  | FSMITH                 |  |  |
| TEMPLATE FILENAME: PRODUCT_SPEC[SIZE_A](V.1).DOC |                 |                           |     |                 |                  |                       |         |                                                    |                  |                   |     |                 |                  |                        |  |  |

|               |                 |                  |        |                 |            |          |
|---------------|-----------------|------------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NC197-*   |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0242       |        |                 |            |          |
| PIN LENGTH: L |                 | .530 / (13.46)   |        |                 |            |          |
| MATING: M     |                 | .260 / (6.60)    | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .145 / (3.68)    | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2023      | A-6373-02C197    |        |                 |            |          |
| 3             | 22-23-2033      | A-6373-03C197    |        |                 |            |          |
| 4             | 22-23-2043      | A-6373-04C197    |        |                 |            |          |
| 5             | 22-23-2053      | A-6373-05C197    |        |                 |            |          |
| 6             | 22-23-2063      | A-6373-06C197    |        |                 |            |          |
| 7             | 22-23-2073      | A-6373-07C197    |        |                 |            |          |
| 8             | 22-23-2083      | A-6373-08C197    |        |                 |            |          |
| 9             | 22-23-2093      | A-6373-09C197    |        |                 |            |          |
| 10            | 22-23-2103      | A-6373-10C197    |        |                 |            |          |
| 11            | 22-23-2113      | A-6373-11C197    |        |                 |            |          |
| 12            | 22-23-2123      | A-6373-12C197    |        |                 |            |          |
| 13            | 22-23-2133      | A-6373-13C197    |        |                 |            |          |
| 14            | 22-23-2143      | A-6373-14C197    |        |                 |            |          |
| 15            | 22-23-2153      | A-6373-15C197    |        |                 |            |          |
| 16            | 22-23-2163      | A-6373-16C197    |        |                 |            |          |
| 17            | 22-23-2173      | A-6373-17C197    |        |                 |            |          |
| 18            | 22-23-2183      | A-6373-18C197    |        |                 |            |          |
| 19            | 22-23-2193      | A-6373-19C197    |        |                 |            |          |
| 20            | 22-23-2203      | A-6373-20C197    |        |                 |            |          |
| 21            | 22-23-2213      | A-6373-21C197    |        |                 |            |          |
| 22            | 22-23-2223      | A-6373-22C197    |        |                 |            |          |
| 23            | 22-23-2233      | A-6373-23C197    |        |                 |            |          |
| 24            | 22-23-2243      | A-6373-24C197    |        |                 |            |          |
| 25            | 22-23-2253      | A-6373-25C197    |        |                 |            |          |
| 26            | 22-23-2263      | A-6373-26C197    |        |                 |            |          |
| 27            | 22-23-2273      | A-6373-27C197    |        |                 |            |          |
| 28            | 22-23-2283      | A-6373-28C197    |        |                 |            |          |

|               |                    |                |        |                    |               |             |
|---------------|--------------------|----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NV228-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0243     |        |                    |               |             |
| PIN LENGTH: L |                    | .530 / (13.46) |        |                    |               |             |
| MATING: M     |                    | .295 / (7.49)  | DIM. G |                    | .140 / (3.56) |             |
| PC TAIL: P    |                    | .110 / (2.79)  | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-6373-001    |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER  | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             | 22-15-3029         | A-6373-02V228  |        |                    |               |             |
| 3             | 22-15-3039         | A-6373-03V228  |        |                    |               |             |
| 4             | 22-15-3049         | A-6373-04V228  |        |                    |               |             |
| 5             | 22-15-3059         | A-6373-05V228  |        |                    |               |             |
| 6             | 22-15-3069         | A-6373-06V228  |        |                    |               |             |
| 7             | 22-15-3079         | A-6373-07V228  |        |                    |               |             |
| 8             | 22-15-3089         | A-6373-08V228  |        |                    |               |             |
| 9             | 22-15-3099         | A-6373-09V228  |        |                    |               |             |
| 10            | 22-15-3109         | A-6373-10V228  |        |                    |               |             |
| 11            | 22-15-3119         | A-6373-11V228  |        |                    |               |             |
| 12            | 22-15-3129         | A-6373-12V228  |        |                    |               |             |
| 13            | 22-15-3139         | A-6373-13V228  |        |                    |               |             |
| 14            | 22-15-3149         | A-6373-14V228  |        |                    |               |             |
| 15            | 22-15-3159         | A-6373-15V228  |        |                    |               |             |
| 16            | 22-15-3169         | A-6373-16V228  |        |                    |               |             |
| 17            | 22-15-3179         | A-6373-17V228  |        |                    |               |             |
| 18            | 22-15-3189         | A-6373-18V228  |        |                    |               |             |
| 19            | 22-15-3199         | A-6373-19V228  |        |                    |               |             |
| 20            | 22-15-3209         | A-6373-20V228  |        |                    |               |             |
| 21            | 22-15-3219         | A-6373-21V228  |        |                    |               |             |
| 22            | 22-15-3229         | A-6373-22V228  |        |                    |               |             |
| 23            | 22-15-3239         | A-6373-23V228  |        |                    |               |             |
| 24            | 22-15-3249         | A-6373-24V228  |        |                    |               |             |
| 25            | 22-15-3259         | A-6373-25V228  |        |                    |               |             |
| 26            | 22-15-3269         | A-6373-26V228  |        |                    |               |             |
| 27            | 22-15-3279         | A-6373-27V228  |        |                    |               |             |
| 28            | 22-15-3289         | A-6373-28V228  |        |                    |               |             |

|                                                   |                                    |  |                                                                                 |                                      |  |  |
|---------------------------------------------------|------------------------------------|--|---------------------------------------------------------------------------------|--------------------------------------|--|--|
| REV:<br><br><b>BD2</b>                            | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <u>SHEET No.</u><br><br><b>- 3 -</b> |  |  |
|                                                   | <u>EC No.:</u> <b>UCP2014-0523</b> |  |                                                                                 |                                      |  |  |
|                                                   | <u>DATE:</u> <b>8/19/2013</b>      |  |                                                                                 |                                      |  |  |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 6373 - 001</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</b>                                            |                                      |  |  |

|               |                 |                |        |                 |            |          |
|---------------|-----------------|----------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NE197-* |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0682     |        |                 |            |          |
| PIN LENGTH: L |                 | .750 / (19.05) |        |                 |            |          |
| MATING: M     |                 | .260 / (6.60)  | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .365 / (9.27)  | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001    |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER     | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2025      | A-6373-02E197  |        |                 |            |          |
| 3             |                 | A-6373-03E197  |        |                 |            |          |
| 4             |                 | A-6373-04E197  |        |                 |            |          |
| 5             | 22-23-2055      | A-6373-05E197  |        |                 |            |          |
| 6             | 22-23-2065      | A-6373-06E197  |        |                 |            |          |
| 7             |                 | A-6373-07E197  |        |                 |            |          |
| 8             |                 | A-6373-08E197  |        |                 |            |          |
| 9             |                 | A-6373-09E197  |        |                 |            |          |
| 10            | 22-23-2105      | A-6373-10E197  |        |                 |            |          |
| 11            |                 | A-6373-11E197  |        |                 |            |          |
| 12            |                 | A-6373-12E197  |        |                 |            |          |
| 13            |                 | A-6373-13E197  |        |                 |            |          |
| 14            |                 | A-6373-14E197  |        |                 |            |          |
| 15            | 22-23-2155      | A-6373-15E197  |        |                 |            |          |
| 16            |                 | A-6373-16E197  |        |                 |            |          |
| 17            |                 | A-6373-17E197  |        |                 |            |          |
| 18            |                 | A-6373-18E197  |        |                 |            |          |
| 19            |                 | A-6373-19E197  |        |                 |            |          |
| 20            |                 | A-6373-20E197  |        |                 |            |          |
| 21            |                 | A-6373-21E197  |        |                 |            |          |
| 22            |                 | A-6373-22E197  |        |                 |            |          |
| 23            |                 | A-6373-23E197  |        |                 |            |          |
| 24            |                 | A-6373-24E197  |        |                 |            |          |
| 25            |                 | A-6373-25E197  |        |                 |            |          |
| 26            |                 | A-6373-26E197  |        |                 |            |          |
| 27            |                 | A-6373-27E197  |        |                 |            |          |
| 28            |                 | A-6373-28E197  |        |                 |            |          |

|               |                 |                  |        |                 |               |          |
|---------------|-----------------|------------------|--------|-----------------|---------------|----------|
| GROUP:        |                 | A-6373-NY241-*   |        |                 |               |          |
| PIN NUMBER:   |                 | 42663-0443       |        |                 |               |          |
| PIN LENGTH: L |                 | .630 / (16.00)   |        |                 |               |          |
| MATING: M     |                 | .318 / (8.08)    | DIM. G |                 | .140 / (3.56) |          |
| PC TAIL: P    |                 | .187 / (4.75)    | DIM T  |                 | .135 / (3.43) |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |               |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER    | VOID CKT |
| 2             | 22-11-2026      | A-6373-02Y241    |        |                 |               |          |
| 3             | 22-11-2036      | A-6373-03Y241    |        |                 |               |          |
| 4             | 22-11-2046      | A-6373-04Y241    |        |                 |               |          |
| 5             | 22-11-2056      | A-6373-05Y241    |        |                 |               |          |
| 6             | 22-11-2066      | A-6373-06Y241    |        |                 |               |          |
| 7             | 22-11-2076      | A-6373-07Y241    |        |                 |               |          |
| 8             | 22-11-2086      | A-6373-08Y241    |        |                 |               |          |
| 9             | 22-11-2096      | A-6373-09Y241    |        |                 |               |          |
| 10            | 22-11-2106      | A-6373-10Y241    |        |                 |               |          |
| 11            | 22-11-2116      | A-6373-11Y241    |        |                 |               |          |
| 12            | 22-11-2126      | A-6373-12Y241    |        |                 |               |          |
| 13            | 22-11-2136      | A-6373-13Y241    |        |                 |               |          |
| 14            | 22-11-2146      | A-6373-14Y241    |        |                 |               |          |
| 15            | 22-11-2156      | A-6373-15Y241    |        |                 |               |          |
| 16            | 22-11-2166      | A-6373-16Y241    |        |                 |               |          |
| 17            | 22-11-2176      | A-6373-17Y241    |        |                 |               |          |
| 18            | 22-11-2186      | A-6373-18Y241    |        |                 |               |          |
| 19            | 22-11-2196      | A-6373-19Y241    |        |                 |               |          |
| 20            | 22-11-2206      | A-6373-20Y241    |        |                 |               |          |
| 21            | 22-11-2216      | A-6373-21Y241    |        |                 |               |          |
| 22            | 22-11-2226      | A-6373-22Y241    |        |                 |               |          |
| 23            | 22-11-2236      | A-6373-23Y241    |        |                 |               |          |
| 24            | 22-11-2246      | A-6373-24Y241    |        |                 |               |          |
| 25            | 22-11-2256      | A-6373-25Y241    |        |                 |               |          |
| 26            | 22-11-2266      | A-6373-26Y241    |        |                 |               |          |
| 27            | 22-11-2276      | A-6373-27Y241    |        |                 |               |          |
| 28            | 22-11-2286      | A-6373-28Y241    |        |                 |               |          |

|                        |                             |                                                            |              |
|------------------------|-----------------------------|------------------------------------------------------------|--------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                                                     | SHEET No.    |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 4 -</b> |
|                        | DATE: <b>8/19/2013</b>      |                                                            |              |
| DOCUMENT NUMBER:       |                             | CREATED / REVISED BY:                                      | CHECKED BY:  |
| <b>SD - 6373 - 001</b> |                             | <b>MKIPPER</b>                                             | <b>JBELL</b> |
|                        |                             | APPROVED BY:                                               |              |
|                        |                             | <b>FSMITH</b>                                              |              |



|               |                    |                  |        |                    |               |             |
|---------------|--------------------|------------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NAB197-*  |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0582       |        |                    |               |             |
| PIN LENGTH: L |                    | .700 / (17.78)   |        |                    |               |             |
| MATING: M     |                    | .286 / (7.26)    | DIM. G |                    | N/A           |             |
| PC TAIL: P    |                    | .289 / (7.34)    | DIM T  |                    | OVERALL       |             |
| PACKAGING:    |                    | PK-6373-001 BULK |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER    | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             |                    | A-6373-02AB197   |        |                    |               |             |
| 3             | 50-29-0052         | A-6373-03AB197   |        |                    |               |             |
| 4             | 50-29-0053         | A-6373-04AB197   |        |                    |               |             |
| 5             |                    | A-6373-05AB197   |        |                    |               |             |
| 6             |                    | A-6373-06AB197   |        |                    |               |             |
| 7             |                    | A-6373-07AB197   |        |                    |               |             |
| 8             | 50-29-0057         | A-6373-08AB197   |        |                    |               |             |
| 9             |                    | A-6373-09AB197   |        |                    |               |             |
| 10            | 50-29-0058         | A-6373-10AB197   |        |                    |               |             |
| 11            |                    | A-6373-11AB197   |        |                    |               |             |
| 12            |                    | A-6373-12AB197   |        |                    |               |             |
| 13            |                    | A-6373-13AB197   |        |                    |               |             |
| 14            |                    | A-6373-14AB197   |        |                    |               |             |
| 15            |                    | A-6373-15AB197   |        |                    |               |             |
| 16            |                    | A-6373-16AB197   |        |                    |               |             |
| 17            |                    | A-6373-17AB197   |        |                    |               |             |
| 18            |                    | A-6373-18AB197   |        |                    |               |             |
| 19            |                    | A-6373-19AB197   |        |                    |               |             |
| 20            |                    | A-6373-20AB197   |        |                    |               |             |
| 21            |                    | A-6373-21AB197   |        |                    |               |             |
| 22            |                    | A-6373-22AB197   |        |                    |               |             |
| 23            |                    | A-6373-23AB197   |        |                    |               |             |
| 24            |                    | A-6373-24AB197   |        |                    |               |             |
| 25            |                    | A-6373-25AB197   |        |                    |               |             |
| 26            |                    | A-6373-26AB197   |        |                    |               |             |
| 27            |                    | A-6373-27AB197   |        |                    |               |             |
| 28            |                    | A-6373-28AB197   |        |                    |               |             |

|               |                    |                  |        |                    |               |             |
|---------------|--------------------|------------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NA231-*   |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0307       |        |                    |               |             |
| PIN LENGTH: L |                    | .560 / (14.22)   |        |                    |               |             |
| MATING: M     |                    | .295 / (7.49)    | DIM. G |                    | .140 / (3.56) |             |
| PC TAIL: P    |                    | .140 / (3.56)    | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-6373-001 BULK |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER    | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             | 22-04-5022         | A-6373-02A231    |        |                    |               |             |
| 3             |                    | A-6373-03A231    |        |                    |               |             |
| 4             |                    | A-6373-04A231    |        |                    |               |             |
| 5             |                    | A-6373-05A231    |        |                    |               |             |
| 6             |                    | A-6373-06A231    |        |                    |               |             |
| 7             |                    | A-6373-07A231    |        |                    |               |             |
| 8             |                    | A-6373-08A231    |        |                    |               |             |
| 9             |                    | A-6373-09A231    |        |                    |               |             |
| 10            |                    | A-6373-10A231    |        |                    |               |             |
| 11            |                    | A-6373-11A231    |        |                    |               |             |
| 12            |                    | A-6373-12A231    |        |                    |               |             |
| 13            |                    | A-6373-13A231    |        |                    |               |             |
| 14            |                    | A-6373-14A231    |        |                    |               |             |
| 15            |                    | A-6373-15A231    |        |                    |               |             |
| 16            |                    | A-6373-16A231    |        |                    |               |             |
| 17            |                    | A-6373-17A231    |        |                    |               |             |
| 18            |                    | A-6373-18A231    |        |                    |               |             |
| 19            |                    | A-6373-19A231    |        |                    |               |             |
| 20            |                    | A-6373-20A231    |        |                    |               |             |
| 21            |                    | A-6373-21A231    |        |                    |               |             |
| 22            |                    | A-6373-22A231    |        |                    |               |             |
| 23            |                    | A-6373-23A231    |        |                    |               |             |
| 24            |                    | A-6373-24A231    |        |                    |               |             |
| 25            |                    | A-6373-25A231    |        |                    |               |             |
| 26            |                    | A-6373-26A231    |        |                    |               |             |
| 27            |                    | A-6373-27A231    |        |                    |               |             |
| 28            |                    | A-6373-28A231    |        |                    |               |             |

|                                            |                                                                                              |                                                                         |                             |                               |                               |
|--------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------|-------------------------------|-------------------------------|
| REV:<br><br>BD2                            | <u>ECR/ECN INFORMATION:</u><br><br><u>EC No.:</u> UCP2014-0523<br><br><u>DATE:</u> 8/19/2013 | <u>TITLE:</u><br><br>KK 100 HEADER ASSEMBLY<br>FRICTION LOCK SOLID BODY |                             |                               | <u>SHEET No.</u><br><br>- 6 - |
| <u>DOCUMENT NUMBER:</u><br>SD - 6373 - 001 |                                                                                              | <u>CREATED / REVISED BY:</u><br>MKIPPER                                 | <u>CHECKED BY:</u><br>JBELL | <u>APPROVED BY:</u><br>FSMITH |                               |

|               |                 |                  |        |                 |               |          |
|---------------|-----------------|------------------|--------|-----------------|---------------|----------|
| GROUP:        |                 | A-6373-NAH241-*  |        |                 |               |          |
| PIN NUMBER:   |                 | 42663-0305       |        |                 |               |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |        |                 |               |          |
| MATING: M     |                 | .260 / (6.60)    | DIM. G |                 | .140 / (3.56) |          |
| PC TAIL: P    |                 | .175 / (4.45)    | DIM T  |                 | .135 / (3.43) |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |               |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CK TS  | MATERIAL NUMBER | ENG NUMBER    | VOID CKT |
| 2             | 22-23-6024      | A-6373-02AH241   |        |                 |               |          |
| 3             | 22-23-6034      | A-6373-03AH241   |        |                 |               |          |
| 4             | 22-23-6044      | A-6373-04AH241   |        |                 |               |          |
| 5             | 22-23-6054      | A-6373-05AH241   |        |                 |               |          |
| 6             | 22-23-6064      | A-6373-06AH241   |        |                 |               |          |
| 7             | 22-23-6074      | A-6373-07AH241   |        |                 |               |          |
| 8             | 22-23-6084      | A-6373-08AH241   |        |                 |               |          |
| 9             | 22-23-6094      | A-6373-09AH241   |        |                 |               |          |
| 10            | 22-23-6104      | A-6373-10AH241   |        |                 |               |          |
| 11            | 22-23-6114      | A-6373-11AH241   |        |                 |               |          |
| 12            | 22-23-6124      | A-6373-12AH241   |        |                 |               |          |
| 13            | 22-23-6134      | A-6373-13AH241   |        |                 |               |          |
| 14            | 22-23-6144      | A-6373-14AH241   |        |                 |               |          |
| 15            | 22-23-6154      | A-6373-15AH241   |        |                 |               |          |
| 16            | 22-23-6164      | A-6373-16AH241   |        |                 |               |          |
| 17            | 22-23-6174      | A-6373-17AH241   |        |                 |               |          |
| 18            | 22-23-6184      | A-6373-18AH241   |        |                 |               |          |
| 19            | 22-23-6194      | A-6373-19AH241   |        |                 |               |          |
| 20            | 22-23-6204      | A-6373-20AH241   |        |                 |               |          |
| 21            | 22-23-6214      | A-6373-21AH241   |        |                 |               |          |
| 22            | 22-23-6224      | A-6373-22AH241   |        |                 |               |          |
| 23            | 22-23-6234      | A-6373-23AH241   |        |                 |               |          |
| 24            | 22-23-6244      | A-6373-24AH241   |        |                 |               |          |
| 25            | 22-23-6254      | A-6373-25AH241   |        |                 |               |          |
| 26            | 22-23-6264      | A-6373-26AH241   |        |                 |               |          |
| 27            | 22-23-6274      | A-6373-27AH241   |        |                 |               |          |
| 28            | 22-23-6284      | A-6373-28AH241   |        |                 |               |          |

|               |                 |                  |        |                 |                 |          |
|---------------|-----------------|------------------|--------|-----------------|-----------------|----------|
| GROUP:        |                 | A-6373-NA228-*   |        |                 |                 |          |
| PIN NUMBER:   |                 | 42663-0304       |        |                 |                 |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |        |                 |                 |          |
| MATING: M     |                 | .295 / (7.49)    | DIM. G |                 | .140 / (3.56)   |          |
| PC TAIL: P    |                 | .140 / (3.56)    | DIM T  |                 | .135 / (3.43)   |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |                 |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER      | VOID CKT |
| 2             | 22-11-2028      | A-6373-02A228    | 09     | 22-11-2095      | A-6373-09A228-3 | 3        |
| 3             | 22-11-2038      | A-6373-03A228    | 09     | 22-11-2097      | A-6373-09A228-5 | 5        |
| 4             | 22-11-2048      | A-6373-04A228    | 05     | 22-11-2055      | A-6373-05A228-3 | 3        |
| 5             | 22-11-2058      | A-6373-05A228    | 11     | 22-11-2117      | A-6373-11A228-5 | 5        |
| 6             | 22-11-2068      | A-6373-06A228    |        |                 |                 |          |
| 7             | 22-11-2078      | A-6373-07A228    |        |                 |                 |          |
| 8             | 22-11-2088      | A-6373-08A228    |        |                 |                 |          |
| 9             | 22-11-2098      | A-6373-09A228    |        |                 |                 |          |
| 10            | 22-11-2108      | A-6373-10A228    |        |                 |                 |          |
| 11            | 22-11-2118      | A-6373-11A228    |        |                 |                 |          |
| 12            | 22-11-2128      | A-6373-12A228    |        |                 |                 |          |
| 13            | 22-11-2138      | A-6373-13A228    |        |                 |                 |          |
| 14            | 22-11-2148      | A-6373-14A228    |        |                 |                 |          |
| 15            |                 | A-6373-15A228    |        |                 |                 |          |
| 16            |                 | A-6373-16A228    |        |                 |                 |          |
| 17            | 22-11-2178      | A-6373-17A228    |        |                 |                 |          |
| 18            | 46999-0605      | A-6373-18A228    |        |                 |                 |          |
| 19            |                 | A-6373-19A228    |        |                 |                 |          |
| 20            |                 | A-6373-20A228    |        |                 |                 |          |
| 21            |                 | A-6373-21A228    |        |                 |                 |          |
| 22            | 22-11-2228      | A-6373-22A228    |        |                 |                 |          |
| 23            |                 | A-6373-23A228    |        |                 |                 |          |
| 24            |                 | A-6373-24A228    |        |                 |                 |          |
| 25            |                 | A-6373-25A228    |        |                 |                 |          |
| 26            |                 | A-6373-26A228    |        |                 |                 |          |
| 27            |                 | A-6373-27A228    |        |                 |                 |          |
| 28            |                 | A-6373-28A228    |        |                 |                 |          |

|                                                   |                             |  |                                                                                 |                                      |  |  |
|---------------------------------------------------|-----------------------------|--|---------------------------------------------------------------------------------|--------------------------------------|--|--|
| REV:<br><br><b>BD2</b>                            | <u>ECR/ECN INFORMATION:</u> |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <u>SHEET No.</u><br><br><b>- 7 -</b> |  |  |
|                                                   | EC No.: <b>UCP2014-0523</b> |  |                                                                                 |                                      |  |  |
|                                                   | DATE: <b>8/19/2013</b>      |  |                                                                                 |                                      |  |  |
| <u>DOCUMENT NUMBER:</u><br><b>SD - 6373 - 001</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</b>                                            |                                      |  |  |

|               |                 |                  |        |                 |            |          |
|---------------|-----------------|------------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NAD197-*  |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0302       |        |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)   |        |                 |            |          |
| MATING: M     |                 | .295 / (7.49)    | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .140 / (3.56)    | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001 BULK |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2028      | A-6373-02AD197   |        |                 |            |          |
| 3             | 22-23-2038      | A-6373-03AD197   |        |                 |            |          |
| 4             | 22-23-2048      | A-6373-04AD197   |        |                 |            |          |
| 5             | 22-23-2058      | A-6373-05AD197   |        |                 |            |          |
| 6             | 22-23-2068      | A-6373-06AD197   |        |                 |            |          |
| 7             | 22-23-2078      | A-6373-07AD197   |        |                 |            |          |
| 8             | 22-23-2088      | A-6373-08AD197   |        |                 |            |          |
| 9             | 22-23-2098      | A-6373-09AD197   |        |                 |            |          |
| 10            | 22-23-2108      | A-6373-10AD197   |        |                 |            |          |
| 11            | 22-23-2118      | A-6373-11AD197   |        |                 |            |          |
| 12            | 22-23-2128      | A-6373-12AD197   |        |                 |            |          |
| 13            | 22-23-2138      | A-6373-13AD197   |        |                 |            |          |
| 14            | 22-23-2148      | A-6373-14AD197   |        |                 |            |          |
| 15            | 22-23-2158      | A-6373-15AD197   |        |                 |            |          |
| 16            | 22-23-2168      | A-6373-16AD197   |        |                 |            |          |
| 17            | 22-23-2178      | A-6373-17AD197   |        |                 |            |          |
| 18            | 22-23-2188      | A-6373-18AD197   |        |                 |            |          |
| 19            | 22-23-2198      | A-6373-19AD197   |        |                 |            |          |
| 20            | 22-23-2208      | A-6373-20AD197   |        |                 |            |          |
| 21            | 22-23-2218      | A-6373-21AD197   |        |                 |            |          |
| 22            | 22-23-2228      | A-6373-22AD197   |        |                 |            |          |
| 23            | 22-23-2238      | A-6373-23AD197   |        |                 |            |          |
| 24            | 22-23-2248      | A-6373-24AD197   |        |                 |            |          |
| 25            | 22-23-2258      | A-6373-25AD197   |        |                 |            |          |
| 26            | 22-23-2268      | A-6373-26AD197   |        |                 |            |          |
| 27            | 22-23-2278      | A-6373-27AD197   |        |                 |            |          |
| 28            | 22-23-2288      | A-6373-28AD197   |        |                 |            |          |

|               |                 |            |      |                 |            |          |
|---------------|-----------------|------------|------|-----------------|------------|----------|
| GROUP:        |                 |            |      |                 |            |          |
| PIN NUMBER:   |                 |            |      |                 |            |          |
| PIN LENGTH: L |                 |            |      |                 |            |          |
| MATING: M     |                 |            |      |                 |            |          |
| PC TAIL: P    |                 |            |      |                 |            |          |
| PACKAGING:    |                 |            |      |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             |                 |            |      |                 |            |          |
| 3             |                 |            |      |                 |            |          |
| 4             |                 |            |      |                 |            |          |
| 5             |                 |            |      |                 |            |          |
| 6             |                 |            |      |                 |            |          |
| 7             |                 |            |      |                 |            |          |
| 8             |                 |            |      |                 |            |          |
| 9             |                 |            |      |                 |            |          |
| 10            |                 |            |      |                 |            |          |
| 11            |                 |            |      |                 |            |          |
| 12            |                 |            |      |                 |            |          |
| 13            |                 |            |      |                 |            |          |
| 14            |                 |            |      |                 |            |          |
| 15            |                 |            |      |                 |            |          |
| 16            |                 |            |      |                 |            |          |
| 17            |                 |            |      |                 |            |          |
| 18            |                 |            |      |                 |            |          |
| 19            |                 |            |      |                 |            |          |
| 20            |                 |            |      |                 |            |          |
| 21            |                 |            |      |                 |            |          |
| 22            |                 |            |      |                 |            |          |
| 23            |                 |            |      |                 |            |          |
| 24            |                 |            |      |                 |            |          |
| 25            |                 |            |      |                 |            |          |
| 26            |                 |            |      |                 |            |          |
| 27            |                 |            |      |                 |            |          |
| 28            |                 |            |      |                 |            |          |

|                        |                             |                                                            |              |
|------------------------|-----------------------------|------------------------------------------------------------|--------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                                                     | SHEET No.    |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 8 -</b> |
|                        | DATE: <b>8/19/2013</b>      |                                                            |              |
| DOCUMENT NUMBER:       |                             | CREATED / REVISED BY:                                      | CHECKED BY:  |
| <b>SD - 6373 - 001</b> |                             | <b>MKIPPER</b>                                             | <b>JBELL</b> |
|                        |                             | APPROVED BY:                                               |              |
|                        |                             | <b>FSMITH</b>                                              |              |

|              |                 |                  |        |                 |                 |          |
|--------------|-----------------|------------------|--------|-----------------|-----------------|----------|
| GROUP:       |                 | A-6373-NA197-*   |        |                 |                 |          |
| PIN NUMBER:  |                 | 42663-0302       |        |                 |                 |          |
| PIN LENGTH L |                 | .560 / (14.22)   |        |                 |                 |          |
| MATING: M    |                 | .295 / (7.49)    | DIM. G |                 | N/A             |          |
| PC TAIL: P   |                 | .140 / (3.56)    | DIM T  |                 | OVERALL         |          |
| PACKAGING:   |                 | PK-6373-001 BULK |        |                 |                 |          |
| CKTS         | MATERIAL NUMBER | ENG NUMBER       | CKTS   | MATERIAL NUMBER | ENG NUMBER      | VOID CKT |
| 2            | 22-23-2027      | A-6373-02A197    | 5      | 22-04-6053      | A-6373-05A197-3 | 3        |
| 3            | 22-23-2037      | A-6373-03A197    |        |                 |                 |          |
| 4            | 22-23-2047      | A-6373-04A197    |        |                 |                 |          |
| 5            | 22-23-2057      | A-6373-05A197    |        |                 |                 |          |
| 6            | 22-23-2067      | A-6373-06A197    |        |                 |                 |          |
| 7            | 22-23-2077      | A-6373-07A197    |        |                 |                 |          |
| 8            | 22-23-2087      | A-6373-08A197    |        |                 |                 |          |
| 9            | 22-23-2097      | A-6373-09A197    |        |                 |                 |          |
| 10           | 22-23-2107      | A-6373-10A197    |        |                 |                 |          |
| 11           | 22-23-2117      | A-6373-11A197    |        |                 |                 |          |
| 12           | 22-23-2127      | A-6373-12A197    |        |                 |                 |          |
| 13           | 22-23-2137      | A-6373-13A197    |        |                 |                 |          |
| 14           | 22-23-2147      | A-6373-14A197    |        |                 |                 |          |
| 15           | 22-23-2157      | A-6373-15A197    |        |                 |                 |          |
| 16           | 22-23-2167      | A-6373-16A197    |        |                 |                 |          |
| 17           | 22-23-2177      | A-6373-17A197    |        |                 |                 |          |
| 18           | 22-23-2187      | A-6373-18A197    |        |                 |                 |          |
| 19           | 22-23-2197      | A-6373-19A197    |        |                 |                 |          |
| 20           | 22-23-2207      | A-6373-20A197    |        |                 |                 |          |
| 21           | 22-23-2217      | A-6373-21A197    |        |                 |                 |          |
| 22           | 22-23-2227      | A-6373-22A197    |        |                 |                 |          |
| 23           | 22-23-2237      | A-6373-23A197    |        |                 |                 |          |
| 24           | 22-23-2247      | A-6373-24A197    |        |                 |                 |          |
| 25           | 22-23-2257      | A-6373-25A197    |        |                 |                 |          |
| 26           | 22-23-2267      | A-6373-26A197    |        |                 |                 |          |
| 27           | 22-23-2277      | A-6373-27A197    |        |                 |                 |          |
| 28           | 22-23-2287      | A-6373-28A197    |        |                 |                 |          |

|               |                 |                   |        |                 |                  |          |
|---------------|-----------------|-------------------|--------|-----------------|------------------|----------|
| GROUP:        |                 | A-6373-NA197A-*   |        |                 |                  |          |
| PIN NUMBER:   |                 | 42663-0302        |        |                 |                  |          |
| PIN LENGTH: L |                 | .560 / (14.22)    |        |                 |                  |          |
| MATING: M     |                 | .295 / (7.49)     | DIM. G |                 | N/A              |          |
| PC TAIL: P    |                 | .140 / (3.56)     | DIM T  |                 | OVERALL          |          |
| PACKAGING:    |                 | PK-44743-001 BULK |        |                 |                  |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER        | CK TS  | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |
| 2             | 22-23-6021      | A-6373-02A197A    | 10     | 22-23-6106      | A-6373-10A197A-2 | 2        |
| 3             | 22-23-6031      | A-6373-03A197A    |        |                 |                  |          |
| 4             | 22-23-6041      | A-6373-04A197A    |        |                 |                  |          |
| 5             | 22-23-6051      | A-6373-05A197A    |        |                 |                  |          |
| 6             | 22-23-6061      | A-6373-06A197A    |        |                 |                  |          |
| 7             | 22-23-6071      | A-6373-07A197A    |        |                 |                  |          |
| 8             | 22-23-6081      | A-6373-08A197A    |        |                 |                  |          |
| 9             | 22-23-6091      | A-6373-09A197A    |        |                 |                  |          |
| 10            | 22-23-6101      | A-6373-10A197A    |        |                 |                  |          |
| 11            | 22-23-6111      | A-6373-11A197A    |        |                 |                  |          |
| 12            | 22-23-6121      | A-6373-12A197A    |        |                 |                  |          |
| 13            | 22-23-6131      | A-6373-13A197A    |        |                 |                  |          |
| 14            | 22-23-6141      | A-6373-14A197A    |        |                 |                  |          |
| 15            | 22-23-6151      | A-6373-15A197A    |        |                 |                  |          |
| 16            | 22-23-6161      | A-6373-16A197A    |        |                 |                  |          |
| 17            | 22-23-6171      | A-6373-17A197A    |        |                 |                  |          |
| 18            | 22-23-6181      | A-6373-18A197A    |        |                 |                  |          |
| 19            | 22-23-6191      | A-6373-19A197A    |        |                 |                  |          |
| 20            | 22-23-6201      | A-6373-20A197A    |        |                 |                  |          |
| 21            | 22-23-6211      | A-6373-21A197A    |        |                 |                  |          |
| 22            | 22-23-6221      | A-6373-22A197A    |        |                 |                  |          |
| 23            | 22-23-6231      | A-6373-23A197A    |        |                 |                  |          |
| 24            | 22-23-6241      | A-6373-24A197A    |        |                 |                  |          |
| 25            | 22-23-6251      | A-6373-25A197A    |        |                 |                  |          |
| 26            | 22-23-6261      | A-6373-26A197A    |        |                 |                  |          |
| 27            | 22-23-6271      | A-6373-27A197A    |        |                 |                  |          |
| 28            | 22-23-6281      | A-6373-28A197A    |        |                 |                  |          |

|                        |                             |                                                            |              |
|------------------------|-----------------------------|------------------------------------------------------------|--------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                                                     | SHEET No.    |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 9 -</b> |
|                        | DATE: <b>8/19/2013</b>      |                                                            |              |
| DOCUMENT NUMBER:       |                             | CREATED / REVISED BY:                                      | CHECKED BY:  |
| <b>SD - 6373 - 001</b> |                             | <b>MKIPPER</b>                                             | <b>JBELL</b> |
|                        |                             | APPROVED BY:                                               |              |
|                        |                             | <b>FSMITH</b>                                              |              |

|               |                    |                 |        |                    |               |             |
|---------------|--------------------|-----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NAF197-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0182      |        |                    |               |             |
| PIN LENGTH: L |                    | .500 / (12.70)  |        |                    |               |             |
| MATING : M    |                    | .260 / (6.60)   | DIM. G |                    | N/A           |             |
| PC TAIL: P    |                    | .115 / (2.92)   | DIM T  |                    | OVERALL       |             |
| PACKAGING:    |                    | PK-6373-001     |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             | 22-23-2020         | A-6373-02AF197  |        |                    |               |             |
| 3             | 22-23-2030         | A-6373-03AF197  |        |                    |               |             |
| 4             | 22-23-2040         | A-6373-04AF197  |        |                    |               |             |
| 5             | 22-23-2050         | A-6373-05AF197  |        |                    |               |             |
| 6             | 22-23-2060         | A-6373-06AF197  |        |                    |               |             |
| 7             | 22-23-2070         | A-6373-07AF197  |        |                    |               |             |
| 8             | 22-23-2080         | A-6373-08AF197  |        |                    |               |             |
| 9             | 22-23-2090         | A-6373-09AF197  |        |                    |               |             |
| 10            | 22-23-2100         | A-6373-10AF197  |        |                    |               |             |
| 11            | 22-23-2110         | A-6373-11AF197  |        |                    |               |             |
| 12            | 22-23-2120         | A-6373-12AF197  |        |                    |               |             |
| 13            | 22-23-2130         | A-6373-13AF197  |        |                    |               |             |
| 14            | 22-23-2140         | A-6373-14AF197  |        |                    |               |             |
| 15            | 22-23-2150         | A-6373-15AF197  |        |                    |               |             |
| 16            | 22-23-2160         | A-6373-16AF197  |        |                    |               |             |
| 17            | 22-23-2170         | A-6373-17AF197  |        |                    |               |             |
| 18            | 22-23-2180         | A-6373-18AF197  |        |                    |               |             |
| 19            | 22-23-2190         | A-6373-19AF197  |        |                    |               |             |
| 20            | 22-23-2200         | A-6373-20AF197  |        |                    |               |             |
| 21            | 22-23-2210         | A-6373-21AF197  |        |                    |               |             |
| 22            | 22-23-2220         | A-6373-22AF197  |        |                    |               |             |
| 23            | 22-23-2230         | A-6373-23AF197  |        |                    |               |             |
| 24            | 22-23-2240         | A-6373-24AF197  |        |                    |               |             |
| 25            | 22-23-2250         | A-6373-25AF197  |        |                    |               |             |
| 26            | 22-23-2260         | A-6373-26AF197  |        |                    |               |             |
| 27            | 22-23-2270         | A-6373-27AF197  |        |                    |               |             |
| 28            | 22-23-2280         | A-6373-28AF197  |        |                    |               |             |

|               |                 |                 |        |                 |            |          |
|---------------|-----------------|-----------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NAG197-* |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0182      |        |                 |            |          |
| PIN LENGTH: L |                 | .500 / (12.70)  |        |                 |            |          |
| MATING: M     |                 | .301 / (7.65)   | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .074 / (1.88)   | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001     |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER      | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-2022      | A-6373-02AG197  |        |                 |            |          |
| 3             | 22-23-2032      | A-6373-03AG197  |        |                 |            |          |
| 4             | 22-23-2042      | A-6373-04AG197  |        |                 |            |          |
| 5             | 22-23-2052      | A-6373-05AG197  |        |                 |            |          |
| 6             | 22-23-2062      | A-6373-06AG197  |        |                 |            |          |
| 7             | 22-23-2072      | A-6373-07AG197  |        |                 |            |          |
| 8             | 22-23-2082      | A-6373-08AG197  |        |                 |            |          |
| 9             | 22-23-2092      | A-6373-09AG197  |        |                 |            |          |
| 10            | 22-23-2102      | A-6373-10AG197  |        |                 |            |          |
| 11            | 22-23-2112      | A-6373-11AG197  |        |                 |            |          |
| 12            | 22-23-2122      | A-6373-12AG197  |        |                 |            |          |
| 13            | 22-23-2132      | A-6373-13AG197  |        |                 |            |          |
| 14            | 22-23-2142      | A-6373-14AG197  |        |                 |            |          |
| 15            | 22-23-2152      | A-6373-15AG197  |        |                 |            |          |
| 16            | 22-23-2162      | A-6373-16AG197  |        |                 |            |          |
| 17            | 22-23-2172      | A-6373-17AG197  |        |                 |            |          |
| 18            | 22-23-2182      | A-6373-18AG197  |        |                 |            |          |
| 19            | 22-23-2192      | A-6373-19AG197  |        |                 |            |          |
| 20            | 22-23-2202      | A-6373-20AG197  |        |                 |            |          |
| 21            | 22-23-2212      | A-6373-21AG197  |        |                 |            |          |
| 22            | 22-23-2222      | A-6373-22AG197  |        |                 |            |          |
| 23            | 22-23-2232      | A-6373-23AG197  |        |                 |            |          |
| 24            | 22-23-2242      | A-6373-24AG197  |        |                 |            |          |
| 25            | 22-23-2252      | A-6373-25AG197  |        |                 |            |          |
| 26            | 22-23-2262      | A-6373-26AG197  |        |                 |            |          |
| 27            | 22-23-2272      | A-6373-27AG197  |        |                 |            |          |
| 28            | 22-23-2282      | A-6373-28AG197  |        |                 |            |          |

|                        |                             |                                                            |               |
|------------------------|-----------------------------|------------------------------------------------------------|---------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                                                     | SHEET No.     |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 10 -</b> |
|                        | DATE: <b>8/19/2013</b>      |                                                            |               |
| DOCUMENT NUMBER:       |                             | CREATED / REVISED BY:                                      | CHECKED BY:   |
| <b>SD - 6373 - 001</b> |                             | <b>MKIPPER</b>                                             | <b>JBELL</b>  |
|                        |                             | APPROVED BY:                                               |               |
|                        |                             | <b>FSMITH</b>                                              |               |

|               |                 |                 |        |                 |            |          |
|---------------|-----------------|-----------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NAH197-* |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0302      |        |                 |            |          |
| PIN LENGTH: L |                 | .560 / (14.22)  |        |                 |            |          |
| MATING: M     |                 | .260 / (6.60)   | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .175 / (4.45)   | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001     |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER      | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-3020      | A-6373-02AH197  |        |                 |            |          |
| 3             | 22-23-3030      | A-6373-03AH197  |        |                 |            |          |
| 4             | 22-23-3040      | A-6373-04AH197  |        |                 |            |          |
| 5             | 22-23-3050      | A-6373-05AH197  |        |                 |            |          |
| 6             | 22-23-3060      | A-6373-06AH197  |        |                 |            |          |
| 7             | 22-23-3070      | A-6373-07AH197  |        |                 |            |          |
| 8             | 22-23-3080      | A-6373-08AH197  |        |                 |            |          |
| 9             | 22-23-3090      | A-6373-09AH197  |        |                 |            |          |
| 10            | 22-23-3100      | A-6373-10AH197  |        |                 |            |          |
| 11            | 22-23-3110      | A-6373-11AH197  |        |                 |            |          |
| 12            | 22-23-3120      | A-6373-12AH197  |        |                 |            |          |
| 13            | 22-23-3130      | A-6373-13AH197  |        |                 |            |          |
| 14            | 22-23-3140      | A-6373-14AH197  |        |                 |            |          |
| 15            | 22-23-3150      | A-6373-15AH197  |        |                 |            |          |
| 16            | 22-23-3160      | A-6373-16AH197  |        |                 |            |          |
| 17            | 22-23-3170      | A-6373-17AH197  |        |                 |            |          |
| 18            | 22-23-3180      | A-6373-18AH197  |        |                 |            |          |
| 19            | 22-23-3190      | A-6373-19AH197  |        |                 |            |          |
| 20            | 22-23-3200      | A-6373-20AH197  |        |                 |            |          |
| 21            | 22-23-3210      | A-6373-21AH197  |        |                 |            |          |
| 22            | 22-23-3220      | A-6373-22AH197  |        |                 |            |          |
| 23            | 22-23-3230      | A-6373-23AH197  |        |                 |            |          |
| 24            | 22-23-3240      | A-6373-24AH197  |        |                 |            |          |
| 25            | 22-23-3250      | A-6373-25AH197  |        |                 |            |          |
| 26            | 22-23-3260      | A-6373-26AH197  |        |                 |            |          |
| 27            | 22-23-3270      | A-6373-27AH197  |        |                 |            |          |
| 28            | 22-23-3280      | A-6373-28AH197  |        |                 |            |          |

|               |                 |                 |        |                 |                  |          |
|---------------|-----------------|-----------------|--------|-----------------|------------------|----------|
| GROUP:        |                 | A-6373-NAJ197-* |        |                 |                  |          |
| PIN NUMBER:   |                 | 42663-0342      |        |                 |                  |          |
| PIN LENGTH: L |                 | .580 / (14.73)  |        |                 |                  |          |
| MATING: M     |                 | .300 / (7.62)   | DIM. G |                 | N/A              |          |
| PC TAIL: P    |                 | .155 / (3.94)   | DIM T  |                 | OVERALL          |          |
| PACKAGING:    |                 | PK-6373-001     |        |                 |                  |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER      | CKTS   | MATERIAL NUMBER | ENG NUMBER       | VOID CKT |
| 2             | 22-23-3023      | A-6373-02AJ197  | 05     | 22-04-6052      | A-6373-05AJ197-1 | 1        |
| 3             | 22-23-3033      | A-6373-03AJ197  | 06     | 22-04-6062      | A-6373-06AJ197-2 | 2        |
| 4             | 22-23-3043      | A-6373-04AJ197  |        |                 |                  |          |
| 5             | 22-23-3053      | A-6373-05AJ197  |        |                 |                  |          |
| 6             | 22-23-3063      | A-6373-06AJ197  |        |                 |                  |          |
| 7             |                 | A-6373-07AJ197  |        |                 |                  |          |
| 8             | 22-23-3083      | A-6373-08AJ197  |        |                 |                  |          |
| 9             | 22-23-3093      | A-6373-09AJ197  |        |                 |                  |          |
| 10            | 22-23-3103      | A-6373-10AJ197  |        |                 |                  |          |
| 11            |                 | A-6373-11AJ197  |        |                 |                  |          |
| 12            |                 | A-6373-12AJ197  |        |                 |                  |          |
| 13            |                 | A-6373-13AJ197  |        |                 |                  |          |
| 14            |                 | A-6373-14AJ197  |        |                 |                  |          |
| 15            | 22-23-3153      | A-6373-15AJ197  |        |                 |                  |          |
| 16            | 22-23-3163      | A-6373-16AJ197  |        |                 |                  |          |
| 17            |                 | A-6373-17AJ197  |        |                 |                  |          |
| 18            |                 | A-6373-18AJ197  |        |                 |                  |          |
| 19            |                 | A-6373-19AJ197  |        |                 |                  |          |
| 20            | 22-23-3203      | A-6373-20AJ197  |        |                 |                  |          |
| 21            |                 | A-6373-21AJ197  |        |                 |                  |          |
| 22            |                 | A-6373-22AJ197  |        |                 |                  |          |
| 23            |                 | A-6373-23AJ197  |        |                 |                  |          |
| 24            |                 | A-6373-24AJ197  |        |                 |                  |          |
| 25            |                 | A-6373-25AJ197  |        |                 |                  |          |
| 26            |                 | A-6373-26AJ197  |        |                 |                  |          |
| 27            |                 | A-6373-27AJ197  |        |                 |                  |          |
| 28            |                 | A-6373-28AJ197  |        |                 |                  |          |

|                        |                             |                                 |               |
|------------------------|-----------------------------|---------------------------------|---------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                          | SHEET No.     |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY</b>   | <b>- 11 -</b> |
|                        | DATE: <b>8/19/2013</b>      | <b>FRICTION LOCK SOLID BODY</b> |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY:       | CHECKED BY:                     | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>              | <b>JBELL</b>                    | <b>FSMITH</b> |

|               |                    |                 |        |                    |               |             |
|---------------|--------------------|-----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NA241A-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0305      |        |                    |               |             |
| PIN LENGTH: L |                    | .560 / (14.22)  |        |                    |               |             |
| MATING: M     |                    | .295 / (7.49)   | DIM. G |                    | .140 / (3.56) |             |
| PC TAIL: P    |                    | .140 / (3.56)   | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-44743-001    |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             |                    |                 |        |                    |               |             |
| 3             | 22-23-1035         | A-6373-03A241A  |        |                    |               |             |
| 4             | 22-23-1045         | A-6373-04A241A  |        |                    |               |             |
| 5             | 22-23-1055         | A-6373-05A241A  |        |                    |               |             |
| 6             | 22-23-1065         | A-6373-06A241A  |        |                    |               |             |
| 7             | 22-23-1075         | A-6373-07A241A  |        |                    |               |             |
| 8             | 22-23-1085         | A-6373-08A241A  |        |                    |               |             |
| 9             | 22-23-1095         | A-6373-09A241A  |        |                    |               |             |
| 10            | 22-23-1105         | A-6373-10A241A  |        |                    |               |             |
| 11            | 22-23-1115         | A-6373-11A241A  |        |                    |               |             |
| 12            | 22-23-1125         | A-6373-12A241A  |        |                    |               |             |
| 13            | 22-23-1135         | A-6373-13A241A  |        |                    |               |             |
| 14            | 22-23-1145         | A-6373-14A241A  |        |                    |               |             |
| 15            | 22-23-1155         | A-6373-15A241A  |        |                    |               |             |
| 16            | 22-23-1165         | A-6373-16A241A  |        |                    |               |             |
| 17            | 22-23-1175         | A-6373-17A241A  |        |                    |               |             |
| 18            | 22-23-1185         | A-6373-18A241A  |        |                    |               |             |
| 19            | 22-23-1195         | A-6373-19A241A  |        |                    |               |             |
| 20            | 22-23-1205         | A-6373-20A241A  |        |                    |               |             |
| 21            | 22-23-1211         | A-6373-21A241A  |        |                    |               |             |
| 22            | 22-23-1222         | A-6373-22A241A  |        |                    |               |             |
| 23            | 22-23-1233         | A-6373-23A241A  |        |                    |               |             |
| 24            | 22-23-1244         | A-6373-24A241A  |        |                    |               |             |
| 25            | 22-23-1255         | A-6373-25A241A  |        |                    |               |             |
| 26            | 22-23-1266         | A-6373-26A241A  |        |                    |               |             |
| 27            | 22-23-1277         | A-6373-27A241A  |        |                    |               |             |
| 28            | 22-23-1288         | A-6373-28A241A  |        |                    |               |             |

|               |                    |                 |          |                    |                  |             |
|---------------|--------------------|-----------------|----------|--------------------|------------------|-------------|
| GROUP:        |                    | A-6373-NAL197-* |          |                    |                  |             |
| PIN NUMBER:   |                    | 42663-1182      |          |                    |                  |             |
| PIN LENGTH: L |                    | 1.000 / (25.40) |          |                    |                  |             |
| MATING: M     |                    | .295 / (7.49)   | DIM. G   |                    | N/A              |             |
| PC TAIL: P    |                    | .580 / (14.73)  | DIM T    |                    | OVERALL          |             |
| PACKAGING:    |                    | PK-6373-001     |          |                    |                  |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CK<br>TS | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>CKT |
| 2             |                    |                 | 06       | 22-04-6066         | A-6373-06AL197-2 | 2           |
| 3             | 22-23-6032         | A-6373-03AL197  | 06       | 22-04-6067         | A-6373-06AL197-3 | 3           |
| 4             | 22-23-6042         | A-6373-04AL197  |          |                    |                  |             |
| 5             | 22-23-6052         | A-6373-05AL197  |          |                    |                  |             |
| 6             | 22-23-6062         | A-6373-06AL197  |          |                    |                  |             |
| 7             | 22-23-6072         | A-6373-07AL197  |          |                    |                  |             |
| 8             | 22-23-6082         | A-6373-08AL197  |          |                    |                  |             |
| 9             | 22-23-6092         | A-6373-09AL197  |          |                    |                  |             |
| 10            | 22-23-6102         | A-6373-10AL197  |          |                    |                  |             |
| 11            | 22-23-6112         | A-6373-11AL197  |          |                    |                  |             |
| 12            | 22-23-6122         | A-6373-12AL197  |          |                    |                  |             |
| 13            | 22-23-6132         | A-6373-13AL197  |          |                    |                  |             |
| 14            | 22-23-6142         | A-6373-14AL197  |          |                    |                  |             |
| 15            | 22-23-6152         | A-6373-15AL197  |          |                    |                  |             |
| 16            | 22-23-6162         | A-6373-16AL197  |          |                    |                  |             |
| 17            | 22-23-6172         | A-6373-17AL197  |          |                    |                  |             |
| 18            | 22-23-6182         | A-6373-18AL197  |          |                    |                  |             |
| 19            | 22-23-6192         | A-6373-19AL197  |          |                    |                  |             |
| 20            | 22-23-6202         | A-6373-20AL197  |          |                    |                  |             |
| 21            | 22-23-6212         | A-6373-21AL197  |          |                    |                  |             |
| 22            | 22-23-6222         | A-6373-22AL197  |          |                    |                  |             |
| 23            | 22-23-6232         | A-6373-23AL197  |          |                    |                  |             |
| 24            | 22-23-6242         | A-6373-24AL197  |          |                    |                  |             |
| 25            | 22-23-6252         | A-6373-25AL197  |          |                    |                  |             |
| 26            | 22-23-6262         | A-6373-26AL197  |          |                    |                  |             |
| 27            | 22-23-6272         | A-6373-27AL197  |          |                    |                  |             |
| 28            | 22-23-6282         | A-6373-28AL197  |          |                    |                  |             |

|                                            |                                                       |                                                                      |                               |
|--------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|-------------------------------|
| REV:<br><b>BD2</b>                         | ECR/ECN INFORMATION:                                  | TITLE:<br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | SHEET No.<br><b>- 12 -</b>    |
|                                            | EC No.: <b>UCP2014-0523</b><br>DATE: <b>8/19/2013</b> |                                                                      |                               |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b> | CREATED / REVISED BY:<br><b>MKIPPER</b>               | CHECKED BY:<br><b>JBELL</b>                                          | APPROVED BY:<br><b>FSMITH</b> |

|               |                 |                 |        |                 |            |          |
|---------------|-----------------|-----------------|--------|-----------------|------------|----------|
| GROUP:        |                 | A-6373-NAM197-* |        |                 |            |          |
| PIN NUMBER:   |                 | 42663-0222      |        |                 |            |          |
| PIN LENGTH: L |                 | .520 / (13.21)  |        |                 |            |          |
| MATING: M     |                 | .305 / (7.75)   | DIM. G |                 | N/A        |          |
| PC TAIL: P    |                 | .090 / (2.29)   | DIM T  |                 | OVERALL    |          |
| PACKAGING:    |                 | PK-6373-001     |        |                 |            |          |
| CKTS          | MATERIAL NUMBER | ENG NUMBER      | CKTS   | MATERIAL NUMBER | ENG NUMBER | VOID CKT |
| 2             | 22-23-6023      | A-6373-02AM197  |        |                 |            |          |
| 3             | 22-23-6033      | A-6373-03AM197  |        |                 |            |          |
| 4             | 22-23-6043      | A-6373-04AM197  |        |                 |            |          |
| 5             | 22-23-6053      | A-6373-05AM197  |        |                 |            |          |
| 6             | 22-23-6063      | A-6373-06AM197  |        |                 |            |          |
| 7             | 22-23-6073      | A-6373-07AM197  |        |                 |            |          |
| 8             | 22-23-6083      | A-6373-08AM197  |        |                 |            |          |
| 9             | 22-23-6093      | A-6373-09AM197  |        |                 |            |          |
| 10            | 22-23-6103      | A-6373-10AM197  |        |                 |            |          |
| 11            | 22-23-6113      | A-6373-11AM197  |        |                 |            |          |
| 12            | 22-23-6123      | A-6373-12AM197  |        |                 |            |          |
| 13            | 22-23-6133      | A-6373-13AM197  |        |                 |            |          |
| 14            | 22-23-6143      | A-6373-14AM197  |        |                 |            |          |
| 15            | 22-23-6153      | A-6373-15AM197  |        |                 |            |          |
| 16            | 22-23-6163      | A-6373-16AM197  |        |                 |            |          |
| 17            | 22-23-6173      | A-6373-17AM197  |        |                 |            |          |
| 18            | 22-23-6183      | A-6373-18AM197  |        |                 |            |          |
| 19            | 22-23-6193      | A-6373-19AM197  |        |                 |            |          |
| 20            | 22-23-6203      | A-6373-20AM197  |        |                 |            |          |
| 21            | 22-23-6213      | A-6373-21AM197  |        |                 |            |          |
| 22            | 22-23-6223      | A-6373-22AM197  |        |                 |            |          |
| 23            | 22-23-6233      | A-6373-23AM197  |        |                 |            |          |
| 24            | 22-23-6243      | A-6373-24AM197  |        |                 |            |          |
| 25            | 22-23-6253      | A-6373-25AM197  |        |                 |            |          |
| 26            | 22-23-6263      | A-6373-26AM197  |        |                 |            |          |
| 27            | 22-23-6273      | A-6373-27AM197  |        |                 |            |          |
| 28            | 22-23-6283      | A-6373-28AM197  |        |                 |            |          |

|               |                    |                 |        |                    |               |             |
|---------------|--------------------|-----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NAM241-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0223      |        |                    |               |             |
| PIN LENGTH: L |                    | .520 / (13.21)  |        |                    |               |             |
| MATING: M     |                    | .305 / (7.75)   | DIM. G |                    | .140 / (3.56) |             |
| PC TAIL: P    |                    | .090 / (2.29)   | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-6373-001     |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             | 22-23-6025         | A-6373-02AM241  |        |                    |               |             |
| 3             | 22-23-6035         | A-6373-03AM241  |        |                    |               |             |
| 4             | 22-23-6045         | A-6373-04AM241  |        |                    |               |             |
| 5             | 22-23-6055         | A-6373-05AM241  |        |                    |               |             |
| 6             | 22-23-6065         | A-6373-06AM241  |        |                    |               |             |
| 7             | 22-23-6075         | A-6373-07AM241  |        |                    |               |             |
| 8             | 22-23-6085         | A-6373-08AM241  |        |                    |               |             |
| 9             | 22-23-6095         | A-6373-09AM241  |        |                    |               |             |
| 10            | 22-23-6105         | A-6373-10AM241  |        |                    |               |             |
| 11            | 22-23-6115         | A-6373-11AM241  |        |                    |               |             |
| 12            | 22-23-6125         | A-6373-12AM241  |        |                    |               |             |
| 13            | 22-23-6135         | A-6373-13AM241  |        |                    |               |             |
| 14            | 22-23-6145         | A-6373-14AM241  |        |                    |               |             |
| 15            | 22-23-6155         | A-6373-15AM241  |        |                    |               |             |
| 16            | 22-23-6165         | A-6373-16AM241  |        |                    |               |             |
| 17            | 22-23-6175         | A-6373-17AM241  |        |                    |               |             |
| 18            | 22-23-6185         | A-6373-18AM241  |        |                    |               |             |
| 19            | 22-23-6195         | A-6373-19AM241  |        |                    |               |             |
| 20            | 22-23-6205         | A-6373-20AM241  |        |                    |               |             |
| 21            | 22-23-6215         | A-6373-21AM241  |        |                    |               |             |
| 22            | 22-23-6225         | A-6373-22AM241  |        |                    |               |             |
| 23            | 22-23-6235         | A-6373-23AM241  |        |                    |               |             |
| 24            | 22-23-6245         | A-6373-24AM241  |        |                    |               |             |
| 25            | 22-23-6255         | A-6373-25AM241  |        |                    |               |             |
| 26            | 22-23-6265         | A-6373-26AM241  |        |                    |               |             |
| 27            | 22-23-6275         | A-6373-27AM241  |        |                    |               |             |
| 28            | 22-23-6285         | A-6373-28AM241  |        |                    |               |             |

|                        |                             |                                 |               |
|------------------------|-----------------------------|---------------------------------|---------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                          | SHEET No.     |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY</b>   | <b>- 13 -</b> |
|                        | DATE: <b>8/19/2013</b>      | <b>FRICTION LOCK SOLID BODY</b> |               |
| DOCUMENT NUMBER:       | CREATED / REVISED BY:       | CHECKED BY:                     | APPROVED BY:  |
| <b>SD - 6373 - 001</b> | <b>MKIPPER</b>              | <b>JBELL</b>                    | <b>FSMITH</b> |

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

|               |                    |                 |        |                    |               |             |
|---------------|--------------------|-----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NAN241-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0443      |        |                    |               |             |
| PIN LENGTH: L |                    | .630 / (16.00)  |        |                    |               |             |
| MATING: M     |                    | .300 / (7.62)   | DIM. G |                    | .140 / (3.56) |             |
| PC TAIL: P    |                    | .205 / (5.21)   | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-6373-001     |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             |                    | A-6373-02AN241  |        |                    |               |             |
| 3             |                    | A-6373-03AN241  |        |                    |               |             |
| 4             | 22-23-6047         | A-6373-04AN241  |        |                    |               |             |
| 5             |                    | A-6373-05AN241  |        |                    |               |             |
| 6             |                    | A-6373-06AN241  |        |                    |               |             |
| 7             |                    | A-6373-07AN241  |        |                    |               |             |
| 8             |                    | A-6373-08AN241  |        |                    |               |             |
| 9             |                    | A-6373-09AN241  |        |                    |               |             |
| 10            |                    | A-6373-10AN241  |        |                    |               |             |
| 11            |                    | A-6373-11AN241  |        |                    |               |             |
| 12            |                    | A-6373-12AN241  |        |                    |               |             |
| 13            |                    | A-6373-13AN241  |        |                    |               |             |
| 14            |                    | A-6373-14AN241  |        |                    |               |             |
| 15            |                    | A-6373-15AN241  |        |                    |               |             |
| 16            |                    | A-6373-16AN241  |        |                    |               |             |
| 17            |                    | A-6373-17AN241  |        |                    |               |             |
| 18            |                    | A-6373-18AN241  |        |                    |               |             |
| 19            |                    | A-6373-19AN241  |        |                    |               |             |
| 20            |                    | A-6373-20AN241  |        |                    |               |             |
| 21            |                    | A-6373-21AN241  |        |                    |               |             |
| 22            |                    | A-6373-22AN241  |        |                    |               |             |
| 23            |                    | A-6373-23AN241  |        |                    |               |             |
| 24            |                    | A-6373-24AN241  |        |                    |               |             |
| 25            |                    | A-6373-25AN241  |        |                    |               |             |
| 26            |                    | A-6373-26AN241  |        |                    |               |             |
| 27            |                    | A-6373-27AN241  |        |                    |               |             |
| 28            |                    | A-6373-28AN241  |        |                    |               |             |

|               |                    |                 |        |                    |               |             |
|---------------|--------------------|-----------------|--------|--------------------|---------------|-------------|
| GROUP:        |                    | A-6373-NAB241-* |        |                    |               |             |
| PIN NUMBER:   |                    | 42663-0583      |        |                    |               |             |
| PIN LENGTH: L |                    | .700 / (17.78)  |        |                    |               |             |
| MATING: M     |                    | .286 / (7.26)   | DIM. G |                    | .200 / (5.08) |             |
| PC TAIL: P    |                    | .289 / (7.34)   | DIM T  |                    | .135 / (3.43) |             |
| PACKAGING:    |                    | PK-6373-001     |        |                    |               |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER | VOID<br>CKT |
| 2             | 50-29-1746         | A-6373-02AB241  |        |                    |               |             |
| 3             |                    | A-6373-03AB241  |        |                    |               |             |
| 4             |                    | A-6373-04AB241  |        |                    |               |             |
| 5             |                    | A-6373-05AB241  |        |                    |               |             |
| 6             |                    | A-6373-06AB241  |        |                    |               |             |
| 7             |                    | A-6373-07AB241  |        |                    |               |             |
| 8             | 50-29-1741         | A-6373-08AB241  |        |                    |               |             |
| 9             |                    | A-6373-09AB241  |        |                    |               |             |
| 10            | 50-29-1742         | A-6373-10AB241  |        |                    |               |             |
| 11            |                    | A-6373-11AB241  |        |                    |               |             |
| 12            |                    | A-6373-12AB241  |        |                    |               |             |
| 13            |                    | A-6373-13AB241  |        |                    |               |             |
| 14            |                    | A-6373-14AB241  |        |                    |               |             |
| 15            |                    | A-6373-15AB241  |        |                    |               |             |
| 16            |                    | A-6373-16AB241  |        |                    |               |             |
| 17            |                    | A-6373-17AB241  |        |                    |               |             |
| 18            |                    | A-6373-18AB241  |        |                    |               |             |
| 19            |                    | A-6373-19AB241  |        |                    |               |             |
| 20            |                    | A-6373-20AB241  |        |                    |               |             |
| 21            |                    | A-6373-21AB241  |        |                    |               |             |
| 22            |                    | A-6373-22AB241  |        |                    |               |             |
| 23            |                    | A-6373-23AB241  |        |                    |               |             |
| 24            |                    | A-6373-24AB241  |        |                    |               |             |
| 25            |                    | A-6373-25AB241  |        |                    |               |             |
| 26            |                    | A-6373-26AB241  |        |                    |               |             |
| 27            |                    | A-6373-27AB241  |        |                    |               |             |
| 28            |                    | A-6373-28AB241  |        |                    |               |             |

|                                            |                                                       |                                                                      |                               |
|--------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------|-------------------------------|
| REV:<br><b>BD2</b>                         | ECR/ECN INFORMATION:                                  | TITLE:<br><b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | SHEET No.<br><b>- 14 -</b>    |
|                                            | EC No.: <b>UCP2014-0523</b><br>DATE: <b>8/19/2013</b> |                                                                      |                               |
| DOCUMENT NUMBER:<br><b>SD - 6373 - 001</b> | CREATED / REVISED BY:<br><b>MKIPPER</b>               | CHECKED BY:<br><b>JBELL</b>                                          | APPROVED BY:<br><b>FSMITH</b> |

|               |                    |                 |        |                    |                  |             |
|---------------|--------------------|-----------------|--------|--------------------|------------------|-------------|
| GROUP:        |                    | A-6373-NAN197-* |        |                    |                  |             |
| PIN NUMBER:   |                    | 42663-0442      |        |                    |                  |             |
| PIN LENGTH: L |                    | .630 / (16.00)  |        |                    |                  |             |
| MATING: M     |                    | .300 / (7.62)   | DIM. G |                    | N/A              |             |
| PC TAIL: P    |                    | .205 / (5.21)   | DIM T  |                    | OVERALL          |             |
| PACKAGING:    |                    | PK-6373-001     |        |                    |                  |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER   | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER    | VOID<br>CKT |
| 2             |                    |                 | 9      | 50-34-8527         | A-6373-09AN197-7 | 7           |
| 3             |                    |                 |        |                    |                  |             |
| 4             | 50-36-1696         | A-6373-04AN197  |        |                    |                  |             |
| 5             |                    |                 |        |                    |                  |             |
| 6             |                    |                 |        |                    |                  |             |
| 7             |                    |                 |        |                    |                  |             |
| 8             |                    |                 |        |                    |                  |             |
| 9             |                    |                 |        |                    |                  |             |
| 10            |                    |                 |        |                    |                  |             |
| 11            |                    |                 |        |                    |                  |             |
| 12            |                    |                 |        |                    |                  |             |
| 13            |                    |                 |        |                    |                  |             |
| 14            |                    |                 |        |                    |                  |             |
| 15            |                    |                 |        |                    |                  |             |
| 16            |                    |                 |        |                    |                  |             |
| 17            |                    |                 |        |                    |                  |             |
| 18            |                    |                 |        |                    |                  |             |
| 19            |                    |                 |        |                    |                  |             |
| 20            |                    |                 |        |                    |                  |             |
| 21            |                    |                 |        |                    |                  |             |
| 22            |                    |                 |        |                    |                  |             |
| 23            |                    |                 |        |                    |                  |             |
| 24            |                    |                 |        |                    |                  |             |
| 25            |                    |                 |        |                    |                  |             |
| 26            |                    |                 |        |                    |                  |             |
| 27            |                    |                 |        |                    |                  |             |
| 28            |                    |                 |        |                    |                  |             |

|               |                    |                  |        |                    |                 |             |
|---------------|--------------------|------------------|--------|--------------------|-----------------|-------------|
| GROUP:        |                    | A-6373-NA154-*   |        |                    |                 |             |
| PIN NUMBER:   |                    | 42663-0309       |        |                    |                 |             |
| PIN LENGTH: L |                    | .560 / (14.22)   |        |                    |                 |             |
| MATING: M     |                    | .295 / (7.49)    | DIM. G |                    | N/A             |             |
| PC TAIL: P    |                    | .140 / (3.56)    | DIM T  |                    | OVERALL         |             |
| PACKAGING:    |                    | PK-6373-001 BULK |        |                    |                 |             |
| CKTS          | MATERIAL<br>NUMBER | ENG<br>NUMBER    | CKTS   | MATERIAL<br>NUMBER | ENG<br>NUMBER   | VOID<br>CKT |
| 2             |                    |                  | 9      | 26-01-3183         | A-6373-09A154-7 | 7           |
| 3             |                    |                  |        |                    |                 |             |
| 4             |                    |                  |        |                    |                 |             |
| 5             |                    |                  |        |                    |                 |             |
| 6             |                    |                  |        |                    |                 |             |
| 7             |                    |                  |        |                    |                 |             |
| 8             |                    |                  |        |                    |                 |             |
| 9             |                    |                  |        |                    |                 |             |
| 10            |                    |                  |        |                    |                 |             |
| 11            |                    |                  |        |                    |                 |             |
| 12            |                    |                  |        |                    |                 |             |
| 13            |                    |                  |        |                    |                 |             |
| 14            |                    |                  |        |                    |                 |             |
| 15            |                    |                  |        |                    |                 |             |
| 16            |                    |                  |        |                    |                 |             |
| 17            |                    |                  |        |                    |                 |             |
| 18            |                    |                  |        |                    |                 |             |
| 19            |                    |                  |        |                    |                 |             |
| 20            |                    |                  |        |                    |                 |             |
| 21            |                    |                  |        |                    |                 |             |
| 22            |                    |                  |        |                    |                 |             |
| 23            |                    |                  |        |                    |                 |             |
| 24            |                    |                  |        |                    |                 |             |
| 25            |                    |                  |        |                    |                 |             |
| 26            |                    |                  |        |                    |                 |             |
| 27            |                    |                  |        |                    |                 |             |
| 28            |                    |                  |        |                    |                 |             |

|                        |                             |                                                            |               |
|------------------------|-----------------------------|------------------------------------------------------------|---------------|
| REV:                   | ECR/ECN INFORMATION:        | TITLE:                                                     | SHEET No.     |
| <b>BD2</b>             | EC No.: <b>UCP2014-0523</b> | <b>KK 100 HEADER ASSEMBLY<br/>FRICTION LOCK SOLID BODY</b> | <b>- 15 -</b> |
|                        | DATE: <b>8/19/2013</b>      |                                                            |               |
| DOCUMENT NUMBER:       |                             | CREATED / REVISED BY:                                      | CHECKED BY:   |
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