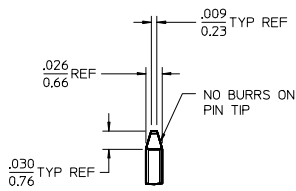
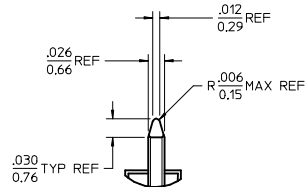


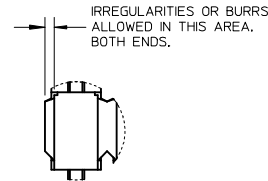
| NO. OF CKTS. | DIM. A      | DIM. B      |
|--------------|-------------|-------------|
| 2            | .100/2.54   | .200/5.08   |
| 3            | .200/5.08   | .300/7.62   |
| 4            | .300/7.62   | .400/10.16  |
| 5            | .400/10.16  | .500/12.70  |
| 6            | .500/10.16  | .600/15.24  |
| 7            | .600/15.24  | .700/17.78  |
| 8            | .700/17.78  | .800/20.32  |
| 9            | .800/20.32  | .900/22.86  |
| 10           | .900/22.86  | 1.000/25.40 |
| 11           | 1.000/25.40 | 1.100/27.94 |
| 12           | 1.100/27.94 | 1.200/30.48 |
| 13           | 1.200/30.48 | 1.300/33.02 |
| 14           | 1.300/33.02 | 1.400/35.56 |
| 15           | 1.400/35.56 | 1.500/38.10 |
| 16           | 1.500/38.10 | 1.600/40.64 |
| 17           | 1.600/40.64 | 1.700/43.18 |
| 18           | 1.700/43.18 | 1.800/45.72 |
| 19           | 1.800/45.72 | 1.900/48.26 |
| 20           | 1.900/48.26 | 2.000/50.80 |
| 21           | 2.000/50.80 | 2.100/53.34 |
| 22           | 2.100/53.34 | 2.200/55.88 |
| 23           | 2.200/55.88 | 2.300/58.42 |
| 24           | 2.300/58.42 | 2.400/60.96 |
| 25           | 2.400/60.96 | 2.500/63.50 |
| 26           | 2.500/63.50 | 2.600/66.04 |
| 27           | 2.600/66.04 | 2.700/68.58 |
| 28           | 2.700/68.58 | 2.800/71.12 |
| 29           | 2.800/71.12 | 2.900/73.66 |
| 30           | 2.900/73.66 | 3.000/76.20 |
| 31           | 3.000/76.20 | 3.100/78.74 |
| 32           | 3.100/78.74 | 3.200/81.28 |
| 33           | 3.200/81.28 | 3.300/83.82 |
| 34           | 3.300/83.82 | 3.400/86.36 |
| 35           | 3.400/86.36 | 3.500/88.90 |
| 36           | 3.500/88.90 | 3.600/91.44 |



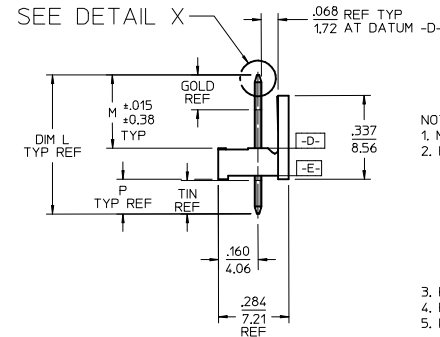
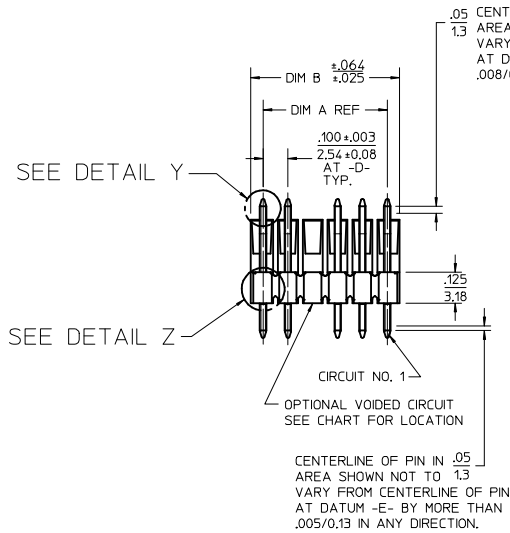
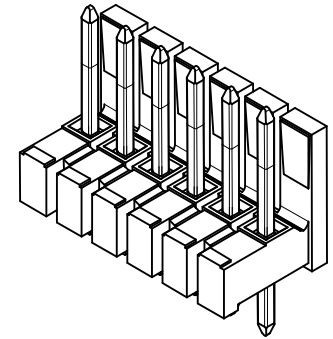
DETAIL X  
SCALE 5:1  
SEE NOTE 10



DETAIL Y  
SCALE 5:1  
SEE NOTE 10



DETAIL Z  
SCALE 5:1



- NOTES:
1. MATERIAL: GLASS FILLED NYLON, 94V-0, COLOR: BLACK
  2. FINISH:
    - (154) OVERALL TIN: .000100/0.00254 MIN. OVER .000050/0.00127 MIN NICKEL.
    - (208) SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
    - (228) SELECT GOLD: .000030/0.00076 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
  3. PRODUCT SPECIFICATION PS 10-07.
  4. PACKAGING INFORMATION: SEE TABLES
  5. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK DIRECTION AND PLACEMENT.
  6. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
  7. SOLDERABILITY PER SMES-152.
  8. PIN PUSH OUT FORCE: 3 LBS, MIN.
  9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
  11. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RIBS.

|       |     |
|-------|-----|
| 2-*   | K4  |
| 1     | K5  |
| SHEET | REV |

RECOMMENDED PC BOARD LAYOUT

REMOVED BACKWALL OPTION  
SEE NOTE 11

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| A-42225-0002/0036  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3020      | A-42225-0002            | 20   | 22-28-3200      | A-42225-0020 |
| 03                 | 22-28-3030      | A-42225-0003            | 21   | 22-28-3210      | A-42225-0021 |
| 04                 | 22-28-3040      | A-42225-0004            | 22   | 22-28-3220      | A-42225-0022 |
| 05                 | 22-28-3050      | A-42225-0005            | 23   | 22-28-3230      | A-42225-0023 |
| 06                 | 22-28-3060      | A-42225-0006            | 24   | 22-28-3240      | A-42225-0024 |
| 07                 | 22-28-3070      | A-42225-0007            | 25   | 22-28-3250      | A-42225-0025 |
| 08                 | 22-28-3080      | A-42225-0008            | 26   | 22-28-3260      | A-42225-0026 |
| 09                 | 22-28-3090      | A-42225-0009            | 27   | 22-28-3270      | A-42225-0027 |
| 10                 | 22-28-3100      | A-42225-0010            | 28   | 22-28-3280      | A-42225-0028 |
| 11                 | 22-28-3110      | A-42225-0011            | 29   | 22-28-3290      | A-42225-0029 |
| 12                 | 22-28-3120      | A-42225-0012            | 30   | 22-28-3300      | A-42225-0030 |
| 13                 | 22-28-3130      | A-42225-0013            | 31   | 22-28-3310      | A-42225-0031 |
| 14                 | 22-28-3140      | A-42225-0014            | 32   | 22-28-3320      | A-42225-0032 |
| 15                 | 22-28-3150      | A-42225-0015            | 33   | 22-28-3330      | A-42225-0033 |
| 16                 | 22-28-3160      | A-42225-0016            | 34   | 22-28-3340      | A-42225-0034 |
| 17                 | 22-28-3170      | A-42225-0017            | 35   | 22-28-3350      | A-42225-0035 |
| 18                 | 22-28-3180      | A-42225-0018            | 36   | 22-28-3360      | A-42225-0036 |
| 19                 | 22-28-3190      | A-42225-0019            |      |                 |              |

| A-42225-0037/0071  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 208                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | .100/2.54               |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3021      | A-42225-0037            | 20   | 22-28-3201      | A-42225-0055 |
| 03                 | 22-28-3031      | A-42225-0038            | 21   | 22-28-3211      | A-42225-0056 |
| 04                 | 22-28-3041      | A-42225-0039            | 22   | 22-28-3221      | A-42225-0057 |
| 05                 | 22-28-3051      | A-42225-0040            | 23   | 22-28-3231      | A-42225-0058 |
| 06                 | 22-28-3061      | A-42225-0041            | 24   | 22-28-3241      | A-42225-0059 |
| 07                 | 22-28-3071      | A-42225-0042            | 25   | 22-28-3251      | A-42225-0060 |
| 08                 | 22-28-3081      | A-42225-0043            | 26   | 22-28-3261      | A-42225-0061 |
| 09                 | 22-28-3091      | A-42225-0044            | 27   | 22-28-3271      | A-42225-0062 |
| 10                 | 22-28-3101      | A-42225-0045            | 28   | 22-28-3281      | A-42225-0063 |
| 11                 | 22-28-3111      | A-42225-0046            | 29   | 22-28-3291      | A-42225-0064 |
| 12                 | 22-28-3121      | A-42225-0047            | 30   | 22-28-3301      | A-42225-0065 |
| 13                 | 22-28-3131      | A-42225-0048            | 31   | 22-28-3311      | A-42225-0066 |
| 14                 | 22-28-3141      | A-42225-0049            | 32   | 22-28-3321      | A-42225-0067 |
| 15                 | 22-28-3151      | A-42225-0050            | 33   | 22-28-3331      | A-42225-0068 |
| 16                 | 22-28-3161      | A-42225-0051            | 34   | 22-28-3341      | A-42225-0069 |
| 17                 | 22-28-3171      | A-42225-0052            | 35   | 22-28-3351      | A-42225-0070 |
| 18                 | 22-28-3181      | A-42225-0053            | 36   | 22-28-3361      | A-42225-0071 |
| 19                 | 22-28-3191      | A-42225-0054            |      |                 |              |

|                                                  |                                                                         |                                                                        |                                      |                                             |
|--------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------|---------------------------------------------|
| <b>REV:</b><br><br><b>K4</b>                     | <u>ECR/ECN INFORMATION:</u>                                             | <u>TITLE:</u><br><br><b>.100 POLARIZING<br/>BREAKAWAY HEADER ASSY.</b> | <u>SHEET No.</u><br><br><b>- 2 -</b> |                                             |
|                                                  | <u>EC No.:</u> <b>UCP2013-0900</b><br><br><u>DATE:</u> <b>10/9/2012</b> |                                                                        |                                      |                                             |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42225 -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-ROEMER</b> |

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| A-42225-0072/0106  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 228                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | .100/2.54               |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3022      | A-42225-0072            | 20   | 22-28-3202      | A-42225-0090 |
| 03                 | 22-28-3032      | A-42225-0073            | 21   | 22-28-3212      | A-42225-0091 |
| 04                 | 22-28-3042      | A-42225-0074            | 22   | 22-28-3222      | A-42225-0092 |
| 05                 | 22-28-3052      | A-42225-0075            | 23   | 22-28-3232      | A-42225-0093 |
| 06                 | 22-28-3062      | A-42225-0076            | 24   | 22-28-3242      | A-42225-0094 |
| 07                 | 22-28-3072      | A-42225-0077            | 25   | 22-28-3252      | A-42225-0095 |
| 08                 | 22-28-3082      | A-42225-0078            | 26   | 22-28-3262      | A-42225-0096 |
| 09                 | 22-28-3092      | A-42225-0079            | 27   | 22-28-3272      | A-42225-0097 |
| 10                 | 22-28-3102      | A-42225-0080            | 28   | 22-28-3282      | A-42225-0098 |
| 11                 | 22-28-3112      | A-42225-0081            | 29   | 22-28-3292      | A-42225-0099 |
| 12                 | 22-28-3122      | A-42225-0082            | 30   | 22-28-3302      | A-42225-0100 |
| 13                 | 22-28-3132      | A-42225-0083            | 31   | 22-28-3312      | A-42225-0101 |
| 14                 | 22-28-3142      | A-42225-0084            | 32   | 22-28-3322      | A-42225-0102 |
| 15                 | 22-28-3152      | A-42225-0085            | 33   | 22-28-3332      | A-42225-0103 |
| 16                 | 22-28-3162      | A-42225-0086            | 34   | 22-28-3342      | A-42225-0104 |
| 17                 | 22-28-3172      | A-42225-0087            | 35   | 22-28-3352      | A-42225-0105 |
| 18                 | 22-28-3182      | A-42225-0088            | 36   | 22-28-3362      | A-42225-0106 |
| 19                 | 22-28-3192      | A-42225-0089            |      |                 |              |

| A-42225-0107/0141  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .555/14.10              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | YES                     |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3023      | A-42225-0107            | 20   | 22-28-3203      | A-42225-0125 |
| 03                 | 22-28-3033      | A-42225-0108            | 21   | 22-28-3213      | A-42225-0126 |
| 04                 | 22-28-3043      | A-42225-0109            | 22   | 22-28-3223      | A-42225-0127 |
| 05                 | 22-28-3053      | A-42225-0110            | 23   | 22-28-3233      | A-42225-0128 |
| 06                 | 22-28-3063      | A-42225-0111            | 24   | 22-28-3243      | A-42225-0129 |
| 07                 | 22-28-3073      | A-42225-0112            | 25   | 22-28-3253      | A-42225-0130 |
| 08                 | 22-28-3083      | A-42225-0113            | 26   | 22-28-3263      | A-42225-0131 |
| 09                 | 22-28-3093      | A-42225-0114            | 27   | 22-28-3273      | A-42225-0132 |
| 10                 | 22-28-3103      | A-42225-0115            | 28   | 22-28-3283      | A-42225-0133 |
| 11                 | 22-28-3113      | A-42225-0116            | 29   | 22-28-3293      | A-42225-0134 |
| 12                 | 22-28-3123      | A-42225-0117            | 30   | 22-28-3303      | A-42225-0135 |
| 13                 | 22-28-3133      | A-42225-0118            | 31   | 22-28-3313      | A-42225-0136 |
| 14                 | 22-28-3143      | A-42225-0119            | 32   | 22-28-3323      | A-42225-0137 |
| 15                 | 22-28-3153      | A-42225-0120            | 33   | 22-28-3333      | A-42225-0138 |
| 16                 | 22-28-3163      | A-42225-0121            | 34   | 22-28-3343      | A-42225-0139 |
| 17                 | 22-28-3173      | A-42225-0122            | 35   | 22-28-3353      | A-42225-0140 |
| 18                 | 22-28-3183      | A-42225-0123            | 36   | 22-28-3363      | A-42225-0141 |
| 19                 | 22-28-3193      | A-42225-0124            |      |                 |              |

|                         |             |                                    |                                                   |                      |
|-------------------------|-------------|------------------------------------|---------------------------------------------------|----------------------|
| <b>K4</b>               | <u>REV:</u> | <u>ECR/ECN INFORMATION:</u>        | <u>TITLE:</u>                                     | <u>SHEET No.</u>     |
|                         |             | <u>EC No.:</u> <b>UCP2013-0900</b> | <b>.100 POLARIZING<br/>BREAKAWAY HEADER ASSY.</b> | <b>- 3 -</b>         |
|                         |             | <u>DATE:</u> <b>10/9/2012</b>      |                                                   |                      |
| <u>DOCUMENT NUMBER:</u> |             | <u>CREATED / REVISED BY:</u>       | <u>CHECKED BY:</u>                                | <u>APPROVED BY:</u>  |
| <b>SD- 42225 -001</b>   |             | <b>MKIPPER</b>                     | <b>JBELL</b>                                      | <b>FSMITH-ROEMER</b> |

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| A-42225-0142/0176  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 208                     |      |                 |              |
| PIN LENGTH: L      |                 | .555/14.10              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | .100/2.54               |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | YES                     |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3024      | A-42225-0142            | 20   | 22-28-3204      | A-42225-0160 |
| 03                 | 22-28-3034      | A-42225-0143            | 21   | 22-28-3214      | A-42225-0161 |
| 04                 | 22-28-3044      | A-42225-0144            | 22   | 22-28-3224      | A-42225-0162 |
| 05                 | 22-28-3054      | A-42225-0145            | 23   | 22-28-3234      | A-42225-0163 |
| 06                 | 22-28-3064      | A-42225-0146            | 24   | 22-28-3244      | A-42225-0164 |
| 07                 | 22-28-3074      | A-42225-0147            | 25   | 22-28-3254      | A-42225-0165 |
| 08                 | 22-28-3084      | A-42225-0148            | 26   | 22-28-3264      | A-42225-0166 |
| 09                 | 22-28-3094      | A-42225-0149            | 27   | 22-28-3274      | A-42225-0167 |
| 10                 | 22-28-3104      | A-42225-0150            | 28   | 22-28-3284      | A-42225-0168 |
| 11                 | 22-28-3114      | A-42225-0151            | 29   | 22-28-3294      | A-42225-0169 |
| 12                 | 22-28-3124      | A-42225-0152            | 30   | 22-28-3304      | A-42225-0170 |
| 13                 | 22-28-3134      | A-42225-0153            | 31   | 22-28-3314      | A-42225-0171 |
| 14                 | 22-28-3144      | A-42225-0154            | 32   | 22-28-3324      | A-42225-0172 |
| 15                 | 22-28-3154      | A-42225-0155            | 33   | 22-28-3334      | A-42225-0173 |
| 16                 | 22-28-3164      | A-42225-0156            | 34   | 22-28-3344      | A-42225-0174 |
| 17                 | 22-28-3174      | A-42225-0157            | 35   | 22-28-3354      | A-42225-0175 |
| 18                 | 22-28-3184      | A-42225-0158            | 36   | 22-28-3364      | A-42225-0176 |
| 19                 | 22-28-3194      | A-42225-0159            |      |                 |              |

| A-42225-0177/0211  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 228                     |      |                 |              |
| PIN LENGTH: L      |                 | .555/14.10              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .135/3.43               |      |                 |              |
| TIN: T             |                 | .100/2.54               |      |                 |              |
| CKTS:              |                 | 2-36                    |      |                 |              |
| KINKS:             |                 | YES                     |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 | 22-28-3025      | A-42225-0177            | 20   | 22-28-3205      | A-42225-0195 |
| 03                 | 22-28-3035      | A-42225-0178            | 21   | 22-28-3215      | A-42225-0196 |
| 04                 | 22-28-3045      | A-42225-0179            | 22   | 22-28-3225      | A-42225-0197 |
| 05                 | 22-28-3055      | A-42225-0180            | 23   | 22-28-3235      | A-42225-0198 |
| 06                 | 22-28-3065      | A-42225-0181            | 24   | 22-28-3245      | A-42225-0199 |
| 07                 | 22-28-3075      | A-42225-0182            | 25   | 22-28-3255      | A-42225-0200 |
| 08                 | 22-28-3085      | A-42225-0183            | 26   | 22-28-3265      | A-42225-0201 |
| 09                 | 22-28-3095      | A-42225-0184            | 27   | 22-28-3275      | A-42225-0202 |
| 10                 | 22-28-3105      | A-42225-0185            | 28   | 22-28-3285      | A-42225-0203 |
| 11                 | 22-28-3115      | A-42225-0186            | 29   | 22-28-3295      | A-42225-0204 |
| 12                 | 22-28-3125      | A-42225-0187            | 30   | 22-28-3305      | A-42225-0205 |
| 13                 | 22-28-3135      | A-42225-0188            | 31   | 22-28-3315      | A-42225-0206 |
| 14                 | 22-28-3145      | A-42225-0189            | 32   | 22-28-3325      | A-42225-0207 |
| 15                 | 22-28-3155      | A-42225-0190            | 33   | 22-28-3335      | A-42225-0208 |
| 16                 | 22-28-3165      | A-42225-0191            | 34   | 22-28-3345      | A-42225-0209 |
| 17                 | 22-28-3175      | A-42225-0192            | 35   | 22-28-3355      | A-42225-0210 |
| 18                 | 22-28-3185      | A-42225-0193            | 36   | 22-28-3365      | A-42225-0211 |
| 19                 | 22-28-3195      | A-42225-0194            |      |                 |              |

|                         |             |                                    |                                                   |                      |
|-------------------------|-------------|------------------------------------|---------------------------------------------------|----------------------|
| <b>K4</b>               | <u>REV:</u> | <u>ECR/ECN INFORMATION:</u>        | <u>TITLE:</u>                                     | <u>SHEET No.</u>     |
|                         |             | <u>EC No.:</u> <b>UCP2013-0900</b> | <b>.100 POLARIZING<br/>BREAKAWAY HEADER ASSY.</b> | <b>- 4 -</b>         |
|                         |             | <u>DATE:</u> <b>10/9/2012</b>      |                                                   |                      |
| <u>DOCUMENT NUMBER:</u> |             | <u>CREATED / REVISED BY:</u>       | <u>CHECKED BY:</u>                                | <u>APPROVED BY:</u>  |
| <b>SD- 42225 -001</b>   |             | <b>MKIPPER</b>                     | <b>JBELL</b>                                      | <b>FSMITH-ROEMER</b> |

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| A-42225-0213/0246  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 22-28-3206      | A-42225-0230 |
| 03                 | 22-28-3036      | A-42225-0213            | 21   | 22-28-3216      | A-42225-0231 |
| 04                 | 22-28-3046      | A-42225-0214            | 22   | 22-28-3226      | A-42225-0232 |
| 05                 | 22-28-3056      | A-42225-0215            | 23   | 22-28-3236      | A-42225-0233 |
| 06                 | 22-28-3066      | A-42225-0216            | 24   | 22-28-3246      | A-42225-0234 |
| 07                 | 22-28-3076      | A-42225-0217            | 25   | 22-28-3256      | A-42225-0235 |
| 08                 | 22-28-3086      | A-42225-0218            | 26   | 22-28-3266      | A-42225-0236 |
| 09                 | 22-28-3096      | A-42225-0219            | 27   | 22-28-3276      | A-42225-0237 |
| 10                 | 22-28-3106      | A-42225-0220            | 28   | 22-28-3286      | A-42225-0238 |
| 11                 | 22-28-3116      | A-42225-0221            | 29   | 22-28-3296      | A-42225-0239 |
| 12                 | 22-28-3126      | A-42225-0222            | 30   | 22-28-3306      | A-42225-0240 |
| 13                 | 22-28-3136      | A-42225-0223            | 31   | 22-28-3316      | A-42225-0241 |
| 14                 | 22-28-3146      | A-42225-0224            | 32   | 22-28-3326      | A-42225-0242 |
| 15                 | 22-28-3156      | A-42225-0225            | 33   | 22-28-3336      | A-42225-0243 |
| 16                 | 22-28-3166      | A-42225-0226            | 34   | 22-28-3346      | A-42225-0244 |
| 17                 | 22-28-3176      | A-42225-0227            | 35   | 22-28-3356      | A-42225-0245 |
| 18                 | 22-28-3186      | A-42225-0228            | 36   | 22-28-3366      | A-42225-0246 |
| 19                 | 22-28-3196      | A-42225-0229            |      |                 |              |

| A-42225-0248/0281  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 208                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | .135/3.43               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 22-28-3207      | A-42225-0265 |
| 03                 | 22-28-3037      | A-42225-0248            | 21   | 22-28-3217      | A-42225-0266 |
| 04                 | 22-28-3047      | A-42225-0249            | 22   | 22-28-3227      | A-42225-0267 |
| 05                 | 22-28-3057      | A-42225-0250            | 23   | 22-28-3237      | A-42225-0268 |
| 06                 | 22-28-3067      | A-42225-0251            | 24   | 22-28-3247      | A-42225-0269 |
| 07                 | 22-28-3077      | A-42225-0252            | 25   | 22-28-3257      | A-42225-0270 |
| 08                 | 22-28-3087      | A-42225-0253            | 26   | 22-28-3267      | A-42225-0271 |
| 09                 | 22-28-3097      | A-42225-0254            | 27   | 22-28-3277      | A-42225-0272 |
| 10                 | 22-28-3107      | A-42225-0255            | 28   | 22-28-3287      | A-42225-0273 |
| 11                 | 22-28-3117      | A-42225-0256            | 29   | 22-28-3297      | A-42225-0274 |
| 12                 | 22-28-3127      | A-42225-0257            | 30   | 22-28-3307      | A-42225-0275 |
| 13                 | 22-28-3137      | A-42225-0258            | 31   | 22-28-3317      | A-42225-0276 |
| 14                 | 22-28-3147      | A-42225-0259            | 32   | 22-28-3327      | A-42225-0277 |
| 15                 | 22-28-3157      | A-42225-0260            | 33   | 22-28-3337      | A-42225-0278 |
| 16                 | 22-28-3167      | A-42225-0261            | 34   | 22-28-3347      | A-42225-0279 |
| 17                 | 22-28-3177      | A-42225-0262            | 35   | 22-28-3357      | A-42225-0280 |
| 18                 | 22-28-3187      | A-42225-0263            | 36   | 22-28-3367      | A-42225-0281 |
| 19                 | 22-28-3197      | A-42225-0264            |      |                 |              |

|                                                  |                             |                                                                        |                                      |
|--------------------------------------------------|-----------------------------|------------------------------------------------------------------------|--------------------------------------|
| REV:<br><b>K4</b>                                | <u>ECR/ECN INFORMATION:</u> | <u>TITLE:</u><br><br><b>.100 POLARIZING<br/>BREAKAWAY HEADER ASSY.</b> | <u>SHEET No.</u><br><br><b>- 5 -</b> |
|                                                  | EC No.: <b>UCP2013-0900</b> |                                                                        |                                      |
|                                                  | DATE: <b>10/9/2012</b>      |                                                                        |                                      |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42225 -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-ROEMER</b>                            |                                      |

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| A-42225-0282/0316  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 228                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | .140/3.56               |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | .135/3.43               |      |                 |              |
| CKTS:              |                 | 3-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | YES                     |      |                 |              |
| VOIDED CKTS:       |                 | NONE                    |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 22-28-3208      | A-42225-0300 |
| 03                 | 22-28-3038      | A-42225-0283            | 21   | 22-28-3218      | A-42225-0301 |
| 04                 | 22-28-3048      | A-42225-0284            | 22   | 22-28-3228      | A-42225-0302 |
| 05                 | 22-28-3058      | A-42225-0285            | 23   | 22-28-3238      | A-42225-0303 |
| 06                 | 22-28-3068      | A-42225-0286            | 24   | 22-28-3248      | A-42225-0304 |
| 07                 | 22-28-3078      | A-42225-0287            | 25   | 22-28-3258      | A-42225-0305 |
| 08                 | 22-28-3088      | A-42225-0288            | 26   | 22-28-3268      | A-42225-0306 |
| 09                 | 22-28-3098      | A-42225-0289            | 27   | 22-28-3278      | A-42225-0307 |
| 10                 | 22-28-3108      | A-42225-0290            | 28   | 22-28-3288      | A-42225-0308 |
| 11                 | 22-28-3118      | A-42225-0291            | 29   | 22-28-3298      | A-42225-0309 |
| 12                 | 22-28-3128      | A-42225-0292            | 30   | 22-28-3308      | A-42225-0310 |
| 13                 | 22-28-3138      | A-42225-0293            | 31   | 22-28-3318      | A-42225-0311 |
| 14                 | 22-28-3148      | A-42225-0294            | 32   | 22-28-3328      | A-42225-0312 |
| 15                 | 22-28-3158      | A-42225-0295            | 33   | 22-28-3338      | A-42225-0313 |
| 16                 | 22-28-3168      | A-42225-0296            | 34   | 22-28-3348      | A-42225-0314 |
| 17                 | 22-28-3178      | A-42225-0297            | 35   | 22-28-3358      | A-42225-0315 |
| 18                 | 22-28-3188      | A-42225-0298            | 36   | 22-28-3368      | A-42225-0316 |
| 19                 | 22-28-3198      | A-42225-0299            |      |                 |              |

| A-42225-0488/0518  |                 |                         |      |                 |              |
|--------------------|-----------------|-------------------------|------|-----------------|--------------|
| HEADER NUMBER:     |                 | 41410                   |      |                 |              |
| PLATING:           |                 | 154                     |      |                 |              |
| PIN LENGTH: L      |                 | .540/13.72              |      |                 |              |
| MATING LENGTH: M   |                 | .295/7.49               |      |                 |              |
| GOLD POINT: G      |                 | N/A                     |      |                 |              |
| PC TAIL LENGTH: P  |                 | .120/3.05               |      |                 |              |
| TIN: T             |                 | OVERALL                 |      |                 |              |
| CKTS:              |                 | 6-36                    |      |                 |              |
| KINKS:             |                 | NO                      |      |                 |              |
| REMOVED BACKWALLS: |                 | NO                      |      |                 |              |
| VOIDED CKTS:       |                 | 6                       |      |                 |              |
| PACKAGING:         |                 | BULK, PER PK-40873-0056 |      |                 |              |
| CKTS               | MATERIAL NUMBER | ENG NUMBER              | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                 |                 |                         | 20   | 42225-0502      | A-42225-0502 |
| 03                 |                 |                         | 21   | 42225-0503      | A-42225-0503 |
| 04                 |                 |                         | 22   | 42225-0504      | A-42225-0504 |
| 05                 |                 |                         | 23   | 42225-0505      | A-42225-0505 |
| 06                 | 42225-0488      | A-42225-0488            | 24   | 42225-0506      | A-42225-0506 |
| 07                 | 42225-0489      | A-42225-0489            | 25   | 42225-0507      | A-42225-0507 |
| 08                 | 42225-0490      | A-42225-0490            | 26   | 42225-0508      | A-42225-0508 |
| 09                 | 42225-0491      | A-42225-0491            | 27   | 42225-0509      | A-42225-0509 |
| 10                 | 42225-0492      | A-42225-0492            | 28   | 42225-0510      | A-42225-0510 |
| 11                 | 42225-0493      | A-42225-0493            | 29   | 42225-0511      | A-42225-0511 |
| 12                 | 42225-0494      | A-42225-0494            | 30   | 42225-0512      | A-42225-0512 |
| 13                 | 42225-0495      | A-42225-0495            | 31   | 42225-0513      | A-42225-0513 |
| 14                 | 42225-0496      | A-42225-0496            | 32   | 42225-0514      | A-42225-0514 |
| 15                 | 42225-0497      | A-42225-0497            | 33   | 42225-0515      | A-42225-0515 |
| 16                 | 42225-0498      | A-42225-0498            | 34   | 42225-0516      | A-42225-0516 |
| 17                 | 42225-0499      | A-42225-0499            | 35   | 42225-0517      | A-42225-0517 |
| 18                 | 42225-0500      | A-42225-0500            | 36   | 42225-0518      | A-42225-0518 |
| 19                 | 42225-0501      | A-42225-0501            |      |                 |              |

|                         |             |                                    |                                                   |                      |
|-------------------------|-------------|------------------------------------|---------------------------------------------------|----------------------|
| <b>K4</b>               | <u>REV:</u> | <u>ECR/ECN INFORMATION:</u>        | <u>TITLE:</u>                                     | <u>SHEET No.</u>     |
|                         |             | <u>EC No.:</u> <b>UCP2013-0900</b> | <b>.100 POLARIZING<br/>BREAKAWAY HEADER ASSY.</b> | <b>- 6 -</b>         |
|                         |             | <u>DATE:</u> <b>10/9/2012</b>      |                                                   |                      |
| <u>DOCUMENT NUMBER:</u> |             | <u>CREATED / REVISED BY:</u>       | <u>CHECKED BY:</u>                                | <u>APPROVED BY:</u>  |
| <b>SD- 42225 -001</b>   |             | <b>MKIPPER</b>                     | <b>JBELL</b>                                      | <b>FSMITH-ROEMER</b> |