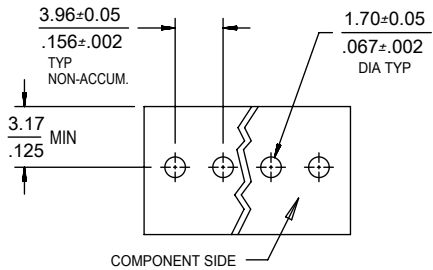


| CKT | DIM. A                | DIM. B                                  |
|-----|-----------------------|---|
| 2   | $\frac{7.77}{.306}$   | $\frac{3.96 \pm 0.05}{.156 \pm .002}$   |
| 3   | $\frac{11.73}{.462}$  | $\frac{7.92 \pm 0.08}{.312 \pm .003}$   |
| 4   | $\frac{15.70}{.618}$  | $\frac{11.89 \pm 0.08}{.468 \pm .003}$  |
| 5   | $\frac{19.66}{.774}$  | $\frac{15.85 \pm 0.10}{.624 \pm .004}$  |
| 6   | $\frac{23.62}{.930}$  | $\frac{19.81 \pm 0.10}{.780 \pm .004}$  |
| 7   | $\frac{27.58}{1.086}$ | $\frac{23.77 \pm 0.10}{.936 \pm .004}$  |
| 8   | $\frac{31.55}{1.242}$ | $\frac{27.74 \pm 0.13}{1.092 \pm .005}$ |
| 9   | $\frac{35.51}{1.398}$ | $\frac{31.70 \pm 0.13}{1.248 \pm .005}$ |
| 10  | $\frac{39.47}{1.554}$ | $\frac{35.66 \pm 0.13}{1.404 \pm .005}$ |
| 11  | $\frac{43.43}{1.710}$ | $\frac{39.62 \pm 0.15}{1.560 \pm .006}$ |
| 12  | $\frac{47.40}{1.866}$ | $\frac{43.59 \pm 0.15}{1.716 \pm .006}$ |
| 13  | $\frac{51.36}{2.022}$ | $\frac{47.55 \pm 0.15}{1.872 \pm .006}$ |
| 14  | $\frac{55.32}{2.178}$ | $\frac{51.51 \pm 0.18}{2.028 \pm .007}$ |
| 15  | $\frac{59.28}{2.334}$ | $\frac{55.47 \pm 0.18}{2.184 \pm .007}$ |
| 16  | $\frac{63.25}{2.490}$ | $\frac{59.44 \pm 0.18}{2.340 \pm .007}$ |

- NOTES:
- MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
  - FINISH: (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL (222) OVERALL MATTE TIN: 0.00254/.000100 MIN TIN OVER 0.00127/.000050 MIN NICKEL. (208) SELECT GOLD: 0.00038/.000015 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN. (228) SELECT GOLD: 0.00076/.000030 MIN, SELECT TIN: 0.00254/.000100 MIN, OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN. (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  - PRODUCT SPECIFICATION: SEE PS-08-50 & PS-40-02.
  - PACKAGING INFORMATION: SEE CHARTS
  - SOLDERABILITY: PER SMES-152.
  - PIN PUSH-OUT FORCE: 3 LB MIN PRIOR TO SOLDERING
  - PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
  - FOR PARTS WITH PEGS, SEE DWG.NO. SDA-42491.
  - PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



RECOMMENDED PC BOARD HOLE LAYOUT

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|  |   |  |         |   |                        |  |   |                          |
|--|---|--|---------|---|------------------------|--|---|--------------------------|
| QUALITY SYMBOLS<br>$\nabla = 0$<br>$\nabla = 0$<br>$\nabla = 0$<br>$\blacktriangledown = 0$<br>$\nabla = 0$<br>$\boxtimes = 0$<br>$\blacksquare = 0$<br>$\nabla = 0$ | CORRECT PINS<br>EC NO: 115161<br>DRWN: CSLAFTER<br>CHK'D: MKIPPER<br>REV APPR: FSMITH | GENERAL TOLERANCES (UNLESS SPECIFIED)                |         | DIMENSION UNITS   | SCALE                  |  |   |                          |
|  |   |  |         | MM/IN   | 2:1                    |  | KK .156 HEADER ASSY<br>FLAT VERT W/O PEGS |                          |
|  |   |  |         | MM  | INCH                   |  |   | PRODUCT CUSTOMER DRAWING |
|  |   |  |         | 4 PLACES ±  | ±                      |  |   |                          |
|  |   | 3 PLACES ±   | ± 0.01  | DOCUMENT NUMBER: SD-41771-001<br>DOC TYPE: PSD<br>DOC PART: 000<br>SHEET NUMBER: 1 OF * |                        |  |   |                          |
|  |   | 2 PLACES ±   | ± 0.015 |   |                        |  |   |                          |
|  |   | 1 PLACES ±   | ± 0.38  |   |                        |  |   |                          |
|  |   | 0 PLACES ±   | ±       |   |                        |  |   |                          |
|  |   | ANGULAR TOL ± 0.5                                    |         | DRAWING SIZE  | THIRD ANGLE PROJECTION |  |   |                          |
|  |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |         | A   |                        |  |   |                          |

| OPTIONS | Group        | A-41771-0002/0016 | Group        | A-41771-0899/0913 | Group        | A-41771-0916/0930 | Group        | A-41771-0036/0050 |
|---------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|
|         | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   |
|         | Pin No:      | 43294-0214        | Pin No:      | 43294-0209        | Pin No:      | 43294-0210        | Pin No:      | 43294-0419        |
|         | Plating:     | 197 – TIN         | Plating:     | 208 - GOLD        | Plating:     | 228 – GOLD        | Plating:     | 197 – TIN         |
|         | Pin Length L | 18.29 / .720      | Pin Length L | 18.29 / .720      | Pin Length L | 18.29 / .720      | Pin Length L | 23.88 / .940      |
|         | Mating M     | 11.43 / .450      | Mating M     | 11.43 / .450      | Mating M     | 11.43 / .450      | Mating M     | 16.97 / .668      |
|         | Gold Loc G   | N/A               | Gold Loc G   | 6.86 / .270       | Gold Loc G   | 6.86 / .270       | Gold Loc G   | N/A               |
|         | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.56 / .140       | PC Tail P    | 3.61 / .142       |
|         | Tin Loc T    | OVERALL           | Tin Loc T    | 4.06 / .160       | Tin Loc T    | 4.06 / .160       | Tin Loc T    | OVERALL           |
|         | Voided Ckts  | NONE              | Voided Ckts  | NONE              | Voided Ckts  | NONE              | Voided Ckts  | NONE              |
|         | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK      |
| Ckts    | Material No  | Engineer Number   | Material No  | Engineer Number   | Material No  | Engineer Number   | Material No  | Engineer Number   |
| 2       | 26-60-2020   | A-41771-0002      | 41771-0899   | A-41771-0899      | 41771-0916   | A-41771-0916      | 26-60-2021   | A-41771-0036      |
| 3       | 26-60-2030   | A-41771-0003      | 41771-0900   | A-41771-0900      | 41771-0917   | A-41771-0917      | 26-60-2031   | A-41771-0037      |
| 4       | 26-60-2040   | A-41771-0004      | 41771-0901   | A-41771-0901      | 41771-0918   | A-41771-0918      | 26-60-2041   | A-41771-0038      |
| 5       | 26-60-2050   | A-41771-0005      | 41771-0902   | A-41771-0902      | 41771-0919   | A-41771-0919      | 26-60-2051   | A-41771-0039      |
| 6       | 26-60-2060   | A-41771-0006      | 41771-0903   | A-41771-0903      | 41771-0920   | A-41771-0920      | 26-60-2061   | A-41771-0040      |
| 7       | 26-60-2070   | A-41771-0007      | 41771-0904   | A-41771-0904      | 41771-0921   | A-41771-0921      | 26-60-2071   | A-41771-0041      |
| 8       | 26-60-2080   | A-41771-0008      | 41771-0905   | A-41771-0905      | 41771-0922   | A-41771-0922      | 26-60-2081   | A-41771-0042      |
| 9       | 26-60-2090   | A-41771-0009      | 41771-0906   | A-41771-0906      | 41771-0923   | A-41771-0923      | 26-60-2091   | A-41771-0043      |
| 10      | 26-60-2100   | A-41771-0010      | 41771-0907   | A-41771-0907      | 41771-0924   | A-41771-0924      | 26-60-2101   | A-41771-0044      |
| 11      | 26-60-2110   | A-41771-0011      | 41771-0908   | A-41771-0908      | 41771-0925   | A-41771-0925      | 26-60-2111   | A-41771-0045      |
| 12      | 26-60-2120   | A-41771-0012      | 41771-0909   | A-41771-0909      | 41771-0926   | A-41771-0926      | 26-60-2121   | A-41771-0046      |
| 13      | 26-60-2130   | A-41771-0013      | 41771-0910   | A-41771-0910      | 41771-0927   | A-41771-0927      | 26-60-2131   | A-41771-0047      |
| 14      | 26-60-2140   | A-41771-0014      | 41771-0911   | A-41771-0911      | 41771-0928   | A-41771-0928      | 26-60-2141   | A-41771-0048      |
| 15      | 26-60-2150   | A-41771-0015      | 41771-0912   | A-41771-0912      | 41771-0929   | A-41771-0929      | 26-60-2151   | A-41771-0049      |
| 16      | 26-60-2160   | A-41771-0016      | 41771-0913   | A-41771-0913      | 41771-0930   | A-41771-0930      | 26-60-2161   | A-41771-0050      |

|   |                                |                                |  |                                      |                                      |                  |
|---|--------------------------------|--------------------------------|--|--------------------------------------|--------------------------------------|------------------|
| REV:<br><b>K1</b>                               | <u>ECM NFORMATION:</u>         |                                | <u>TITLE:</u>  |                                      |                                      | <u>SHEET No.</u> |
|   | ECM No.: 115161                |                                | <b>KK 156 HEADER ASSY<br/>                 FLAT VERT<br/>                 W/O PEGS</b> |                                      |                                      | <b>- 2 -</b>     |
| DATE: 4/5/2017                                  |                                |                                |  |                                      |                                      |                  |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 41771-001</b> | <u>DOC TYPE:</u><br><b>PSD</b> | <u>DOC PART:</u><br><b>002</b> | <u>CREATED / REVISED BY:</u><br><b>CSLAFATER</b>                                       | <u>CHECKED BY:</u><br><b>MKIPPER</b> | <u>APPROVED BY:</u><br><b>FSMITH</b> |                  |

| Group        | A-41771-0933/0947 | Group           | A-41771-0950/0964 | Group           | A-41771-0019/0033 | Group           | A-41771-0053/0067 |                 |
|--------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Header No:   | 41770-0002/0016   | Header No:      | 41770-0002/0016   | Header No:      | 41770-0002/0016   | Header No:      | 41770-0002/0016   |                 |
| Pin No:      | 43294-0416        | Pin No:         | 43294-0417        | Pin No:         | 43294-0215        | Pin No:         | 43294-0420        |                 |
| Plating:     | 208 – GOLD        | Plating:        | 228 – GOLD        | Plating:        | 241 – GOLD        | Plating:        | 241 – GOLD        |                 |
| Pin Length L | 23.88 / .940      | Pin Length L    | 23.88 / .940      | Pin Length L    | 18.29 / .720      | Pin Length L    | 23.88 / .940      |                 |
| Mating M     | 16.89 / .665      | Mating M        | 16.89 / .665      | Mating M        | 11.43 / .450      | Mating M        | 16.97 / .668      |                 |
| Gold Loc G   | 8.89 / .350       | Gold Loc G      | 8.89 / .350       | Gold Loc G      | 6.85/ .270        | Gold Loc G      | 8.89/ .350        |                 |
| PC Tail P    | 3.68 / .145       | PC Tail P       | 3.68 / .145       | PC Tail P       | 3.56 / .140       | PC Tail P       | 3.61 / .142       |                 |
| Tin Loc T    | 4.06 / .160       | Tin Loc T       | 4.06 / .160       | Tin Loc T       | 4.06/ .160        | Tin Loc T       | 4.06/ .160        |                 |
| Voided Ckts  | NONE              | Voided Ckts     | NONE              | Voided Ckts     | NONE              | Voided Ckts     | NONE              |                 |
| Pack Per     | 417710000-PK      | Pack Per        | 417710000-PK      | Pack Per        | 417710000-PK      | Pack Per        | 417710000-PK      |                 |
|              |                   |                 |                   |                 |                   |                 |                   |                 |
| Ckts         | Material No       | Engineer Number | Material No       | Engineer Number | Material No       | Engineer Number | Material No       | Engineer Number |
| 2            | 41771-0933        | A-41771-0933    | 41771-0950        | A-41771-0950    | 26-61-2020        | A-41771-0019    | 26-61-2021        | A-41771-0053    |
| 3            | 41771-0934        | A-41771-0934    | 41771-0951        | A-41771-0951    | 26-61-2030        | A-41771-0020    | 26-61-2031        | A-41771-0054    |
| 4            | 41771-0935        | A-41771-0935    | 41771-0952        | A-41771-0952    | 26-61-2040        | A-41771-0021    | 26-61-2041        | A-41771-0055    |
| 5            | 41771-0936        | A-41771-0936    | 41771-0953        | A-41771-0953    | 26-61-2050        | A-41771-0022    | 26-61-2051        | A-41771-0056    |
| 6            | 41771-0937        | A-41771-0937    | 41771-0954        | A-41771-0954    | 26-61-2060        | A-41771-0023    | 26-61-2061        | A-41771-0057    |
| 7            | 41771-0938        | A-41771-0938    | 41771-0955        | A-41771-0955    | 26-61-2070        | A-41771-0024    | 26-61-2071        | A-41771-0058    |
| 8            | 41771-0939        | A-41771-0939    | 41771-0956        | A-41771-0956    | 26-61-2080        | A-41771-0025    | 26-61-2081        | A-41771-0059    |
| 9            | 41771-0940        | A-41771-0940    | 41771-0957        | A-41771-0957    | 26-61-2090        | A-41771-0026    | 26-61-2091        | A-41771-0060    |
| 10           | 41771-0941        | A-41771-0941    | 41771-0958        | A-41771-0958    | 26-61-2100        | A-41771-0027    | 26-61-2101        | A-41771-0061    |
| 11           | 41771-0942        | A-41771-0942    | 41771-0959        | A-41771-0959    | 26-61-2110        | A-41771-0028    | 26-61-2111        | A-41771-0062    |
| 12           | 41771-0943        | A-41771-0943    | 41771-0960        | A-41771-0960    | 26-61-2120        | A-41771-0029    | 26-61-2121        | A-41771-0063    |
| 13           | 41771-0944        | A-41771-0944    | 41771-0961        | A-41771-0961    | 26-61-2130        | A-41771-0030    | 26-61-2131        | A-41771-0064    |
| 14           | 41771-0945        | A-41771-0945    | 41771-0962        | A-41771-0962    | 26-61-2140        | A-41771-0031    | 26-61-2141        | A-41771-0065    |
| 15           | 41771-0946        | A-41771-0946    | 41771-0963        | A-41771-0963    | 26-61-2150        | A-41771-0032    | 26-61-2151        | A-41771-0066    |
| 16           | 41771-0947        | A-41771-0947    | 41771-0964        | A-41771-0964    | 26-61-2160        | A-41771-0033    | 26-61-2161        | A-41771-0067    |

|                         |                        |                  |  |                    |                     |                  |
|-------------------------|------------------------|------------------|--|--------------------|---------------------|------------------|
| REV:                    | <u>ECM NFORMATION:</u> |                  | <u>TITLE:</u>  |                    |                     | <u>SHEET No.</u> |
| <b>K1</b>               | ECM No.: 115161        |                  | <b>KK 156 HEADER ASSY<br/>FLAT VERT<br/>W/O PEGS</b> |                    |                     | <b>- 3 -</b>     |
|                         | DATE: 4/5/2017         |                  |  |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>       | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                         | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| <b>SD- 41771-001</b>    | <b>PSD</b>             | <b>002</b>       | <b>CSLAFTER</b>                                      | <b>MKIPPER</b>     | <b>FSMITH</b>       |                  |

| Group        | A-41771-0115/0129 | Group           | A-41771-0195/0209 | Group           | A-41771-0212/0226 | Group           | A-41771-0229/0243 |                 |
|--------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
| Header No:   | 41770-0002/0016   | Header No:      | 41770-0002/0016   | Header No:      | 41770-0002/0016   | Header No:      | 41770-0002/0016   |                 |
| Pin No:      | 43294-0214        | Pin No:         | 43294-1003        | Pin No:         | 43294-0400        | Pin No:         | 43294-0598        |                 |
| Plating:     | 197 – TIN         | Plating:        | 197 – TIN         | Plating:        | 197 – TIN         | Plating:        | 197 – TIN         |                 |
| Pin Length L | 18.29 / .720      | Pin Length L    | 39.62 / 1.560     | Pin Length L    | 23.37 / .920      | Pin Length L    | 28.70 / 1.130     |                 |
| Mating M     | 11.43 / .450      | Mating M        | 32.97 / 1.298     | Mating M        | 16.31/ .642       | Mating M        | 21.56 / .849      |                 |
| Gold Loc G   | N/A               | Gold Loc G      | N/A               | Gold Loc G      | N/A               | Gold Loc G      | N/A               |                 |
| PC Tail P    | 3.56 / .140       | PC Tail P       | 3.35 / .132       | PC Tail P       | 3.76 / .148       | PC Tail P       | 3.84 / .151       |                 |
| Tin Loc T    | OVERALL           | Tin Loc T       | OVERALL           | Tin Loc T       | OVERALL           | Tin Loc T       | OVERALL           |                 |
| Voided Ckts  | 2                 | Voided Ckts     | NONE              | Voided Ckts     | NONE              | Voided Ckts     | NONE              |                 |
| Pack Per     | 417710000-PK      | Pack Per        | 417710000-PK      | Pack Per        | 417710000-PK      | Pack Per        | 417710000-PK      |                 |
| CKTS         | Material No       | Engineer Number | Material No       | Engineer Number | Material No       | Engineer Number | Material No       | Engineer Number |
| 2            | 26-62-2020        | A-41771-0115    | 26-60-2023        | A-41771-0195    | 27-60-2021        | A-41771-0212    | 27-60-2022        | A-41771-0229    |
| 3            | 26-62-2030        | A-41771-0116    | 26-60-2033        | A-41771-0196    |                   | A-41771-0213    | 27-60-2032        | A-41771-0230    |
| 4            | 26-62-2040        | A-41771-0117    | 26-60-2043        | A-41771-0197    |                   | A-41771-0214    | 27-60-2042        | A-41771-0231    |
| 5            | 26-62-2050        | A-41771-0118    | 26-60-2053        | A-41771-0198    |                   | A-41771-0215    | 27-60-2052        | A-41771-0232    |
| 6            | 26-62-2060        | A-41771-0119    | 26-60-2063        | A-41771-0199    |                   | A-41771-0216    | 27-60-2062        | A-41771-0233    |
| 7            | 26-62-2070        | A-41771-0120    | 26-60-2073        | A-41771-0200    | 27-60-2071        | A-41771-0217    | 27-60-2072        | A-41771-0234    |
| 8            | 26-62-2080        | A-41771-0121    | 26-60-2083        | A-41771-0201    | 27-60-2081        | A-41771-0218    | 27-60-2082        | A-41771-0235    |
| 9            | 26-62-2090        | A-41771-0122    | 26-60-2093        | A-41771-0202    |                   | A-41771-0219    | 27-60-2092        | A-41771-0236    |
| 10           | 26-62-2100        | A-41771-0123    | 26-60-2103        | A-41771-0203    | 27-60-2101        | A-41771-0220    | 27-60-2102        | A-41771-0237    |
| 11           | 26-62-2110        | A-41771-0124    | 26-60-2113        | A-41771-0204    |                   | A-41771-0221    | 27-60-2112        | A-41771-0238    |
| 12           | 26-62-2120        | A-41771-0125    | 26-60-2123        | A-41771-0205    | 27-60-2121        | A-41771-0222    | 27-60-2122        | A-41771-0239    |
| 13           | 26-62-2130        | A-41771-0126    | 26-60-2133        | A-41771-0206    |                   | A-41771-0223    | 27-60-2132        | A-41771-0240    |
| 14           | 26-62-2140        | A-41771-0127    | 26-60-2143        | A-41771-0207    |                   | A-41771-0224    | 27-60-2142        | A-41771-0241    |
| 15           | 26-62-2150        | A-41771-0128    | 26-60-2153        | A-41771-0208    |                   | A-41771-0225    | 27-60-2152        | A-41771-0242    |
| 16           | 26-62-2160        | A-41771-0129    | 26-60-2163        | A-41771-0209    |                   | A-41771-0226    | 27-60-2162        | A-41771-0243    |

|                         |                        |                  |  |                    |                     |
|-------------------------|------------------------|------------------|--|--------------------|---------------------|
| REV:                    | <u>ECM NFORMATION:</u> |                  | <u>TITLE:</u>  |                    | <u>SHEET No.</u>    |
| <b>K1</b>               | ECM No.: 115161        |                  | <b>KK 156 HEADER ASSY<br/>FLAT VERT<br/>W/O PEGS</b> |                    | <b>- 4 -</b>        |
|                         | DATE: 4/5/2017         |                  |  |                    |                     |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>       | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                         | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |
| <b>SD- 41771-001</b>    | <b>PSD</b>             | <b>002</b>       | <b>CSLAFTER</b>                                      | <b>MKIPPER</b>     | <b>FSMITH</b>       |

|      |              |                   |              |                   |              |                  |              |                   |
|------|--------------|-------------------|--------------|-------------------|--------------|------------------|--------------|-------------------|
|      | Group        | A-41771-0695/0709 | Group        | A-41771-0882/0896 | Group        | A-417710763/0769 | Group        | A-41771-0772/0778 |
|      | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016  | Header No:   | 41770-0002/0016   |
|      | Pin No:      | 43294-0662        | Pin No:      | 43294-0950        | Pin No:      | 43294-0214       | Pin No:      | 43294-0214        |
|      | Plating:     | 241 - GOLD        | Plating:     | 241 - GOLD        | Plating:     | 197 - TIN        | Plating:     | 197 - TIN         |
|      | Pin Length L | 30.48 / 1.200     | Pin Length L | 38.10 / 1.500     | Pin Length L | 18.29 / .720     | Pin Length L | 18.29 / .720      |
|      | Mating M     | 13.49 / .531      | Mating M     | 31.62 / 1.245     | Mating M     | 11.43 / .450     | Mating M     | 11.43 / .450      |
|      | Gold Loc G   | 6.85/ .270        | Gold Loc G   | 7.62/ .300        | Gold Loc G   | N/A              | Gold Loc G   | N/A               |
|      | PC Tail P    | 13.69 / .539      | PC Tail P    | 3.18 / .125       | PC Tail P    | 3.84 / .140      | PC Tail P    | 3.84 / .140       |
|      | Tin Loc T    | 5.08/ .200        | Tin Loc T    | 5.08/ .200        | Tin Loc T    | OVERALL          | Tin Loc T    | OVERALL           |
|      | Voided Ckts  | NONE              | Voided Ckts  | NONE              | Voided Ckts  | 3, 5, 7, 8, 10   | Voided Ckts  | 3, 10             |
|      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK     | Pack Per     | 417710000-PK      |
|      |              |                   |              |                   |              |                  |              |                   |
| CKTS | Material No  | Engineer Number   | Material No  | Engineer Number   | Material No  | Engineer Number  | Material No  | Engineer Number   |
| 2    |              | A-41771-0695      | 41771-0882   | A-41771-0882      |              |                  |              |                   |
| 3    |              | A-41771-0696      | 41771-0883   | A-41771-0883      |              |                  |              |                   |
| 4    |              | A-41771-0697      | 41771-0884   | A-41771-0884      |              |                  |              |                   |
| 5    | 26-61-2052   | A-41771-0698      | 41771-0885   | A-41771-0885      |              |                  |              |                   |
| 6    |              | A-41771-0699      | 41771-0886   | A-41771-0886      |              |                  |              |                   |
| 7    |              | A-41771-0700      | 41771-0887   | A-41771-0887      |              |                  |              |                   |
| 8    | 26-61-2082   | A-41771-0701      | 41771-0888   | A-41771-0888      |              |                  |              |                   |
| 9    |              | A-41771-0702      | 41771-0889   | A-41771-0889      |              |                  |              |                   |
| 10   |              | A-41771-0703      | 41771-0890   | A-41771-0890      |              | A-41771-0763     | 27-66-2101   | A-41771-0772      |
| 11   |              | A-41771-0704      | 41771-0891   | A-41771-0891      | 27-66-2110   | A-41771-0764     |              | A-41771-0773      |
| 12   |              | A-41771-0705      | 41771-0892   | A-41771-0892      |              | A-41771-0765     |              | A-41771-0774      |
| 13   |              | A-41771-0706      | 41771-0893   | A-41771-0893      |              | A-41771-0766     |              | A-41771-0775      |
| 14   |              | A-41771-0707      | 41771-0894   | A-41771-0894      |              | A-41771-0767     |              | A-41771-0776      |
| 15   |              | A-41771-0708      | 41771-0895   | A-41771-0895      |              | A-41771-0768     |              | A-41771-0777      |
| 16   |              | A-41771-0709      | 41771-0896   | A-41771-0896      |              | A-41771-0769     |              | A-41771-0778      |

|                         |                        |                  |  |                    |                     |                  |
|-------------------------|------------------------|------------------|--|--------------------|---------------------|------------------|
| REV:                    | <u>ECM NFORMATION:</u> |                  | <u>TITLE:</u>  |                    |                     | <u>SHEET No.</u> |
| <b>K1</b>               | ECM No.: 115161        |                  | <b>KK 156 HEADER ASSY<br/>FLAT VERT<br/>W/O PEGS</b> |                    |                     | <b>- 5 -</b>     |
|                         | DATE: 4/5/2017         |                  |  |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>       | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                         | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| <b>SD- 41771-001</b>    | <b>PSD</b>             | <b>002</b>       | <b>CSLAFTER</b>                                      | <b>MKIPPER</b>     | <b>FSMITH</b>       |                  |

|      |              |                   |              |                   |              |              |              |                 |
|------|--------------|-------------------|--------------|-------------------|--------------|--------------|--------------|-----------------|
|      | Group        | A-41771-0781/0785 | Group        | A-41771-0972/0986 | Group        | A-41771-1007 | Group        |                 |
|      | Header No:   | 41770-0002/0016   | Header No:   | 41770-0002/0016   | Header No:   | 41770-0003   | Header No:   |                 |
|      | Pin No:      | 43294-0214        | Pin No:      | 43294-0832        | Pin No:      | 43294-0212   | Pin No:      |                 |
|      | Plating:     | 197 – TIN         | Plating:     | 197 – TIN         | Plating:     | 222 – TIN    | Plating:     |                 |
|      | Pin Length L | 18.29 / .720      | Pin Length L | 35.05 / 1.380     | Pin Length L | 18.29 / .720 | Pin Length L |                 |
|      | Mating M     | 11.43 / .450      | Mating M     | 15.93 / .627      | Mating M     | 11.43 / .450 | Mating M     |                 |
|      | Gold Loc G   | N/A               | Gold Loc G   | NA                | Gold Loc G   | N/A          | Gold Loc G   |                 |
|      | PC Tail P    | 3.84 / .140       | PC Tail P    | 15.82 / .623      | PC Tail P    | 3.56 / .140  | PC Tail P    |                 |
|      | Tin Loc T    | OVERALL           | Tin Loc T    | OVERAL            | Tin Loc T    | OVERALL      | Tin Loc T    |                 |
|      | Voided Ckts  | 4, 12             | Voided Ckts  | NONE              | Voided Ckts  | 2            | Voided Ckts  |                 |
|      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK      | Pack Per     | 417710000-PK | Pack Per     |                 |
|      |              |                   |              |                   |              |              |              |                 |
| CKTS | Material No  | Engineer Number   | Material No  |                   | Material No  |              | Material No  | Engineer Number |
| 2    |              |                   | 41771-0972   |                   |              |              |              |                 |
| 3    |              |                   | 41771-0973   |                   | 41771-1007   |              |              |                 |
| 4    |              |                   | 41771-0974   |                   |              |              |              |                 |
| 5    |              |                   | 41771-0975   |                   |              |              |              |                 |
| 6    |              |                   | 41771-0976   |                   |              |              |              |                 |
| 7    |              |                   | 41771-0977   |                   |              |              |              |                 |
| 8    |              |                   | 41771-0978   |                   |              |              |              |                 |
| 9    |              |                   | 41771-0979   |                   |              |              |              |                 |
| 10   |              |                   | 41771-0980   |                   |              |              |              |                 |
| 11   |              |                   | 41771-0981   |                   |              |              |              |                 |
| 12   | 27-66-2122   | A-41771-0781      | 41771-0982   |                   |              |              |              |                 |
| 13   |              | A-41771-0782      | 41771-0983   |                   |              |              |              |                 |
| 14   |              | A-41771-0783      | 41771-0984   |                   |              |              |              |                 |
| 15   |              | A-41771-0784      | 41771-0985   |                   |              |              |              |                 |
| 16   |              | A-41771-0785      | 41771-0986   |                   |              |              |              |                 |

|                         |                        |                  |  |                    |                     |                  |
|-------------------------|------------------------|------------------|--|--------------------|---------------------|------------------|
| REV:                    | <u>ECM NFORMATION:</u> |                  | <u>TITLE:</u>  |                    |                     | <u>SHEET No.</u> |
| <b>K1</b>               | ECM No.: 115161        |                  | <b>KK 156 HEADER ASSY<br/>FLAT VERT<br/>W/O PEGS</b> |                    |                     | <b>- 6 -</b>     |
|                         | DATE: 4/5/2017         |                  |  |                    |                     |                  |
| <u>DOCUMENT NUMBER:</u> | <u>DOC TYPE:</u>       | <u>DOC PART:</u> | <u>CREATED / REVISED BY:</u>                         | <u>CHECKED BY:</u> | <u>APPROVED BY:</u> |                  |
| <b>SD- 41771-001</b>    | <b>PSD</b>             | <b>002</b>       | <b>CSLAFTER</b>                                      | <b>MKIPPER</b>     | <b>FSMITH</b>       |                  |