



| 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 $\nabla = 0$ $\nabla = 0$ $\nabla = 0$ $\blacktriangledown = 0$ $\nabla = 0$ $\boxtimes = 0$ $\blacksquare = 0$ $\nabla = 0$ | CORRECT PINS EC NO: 115161 DRWN: CSLAFTER CHK'D: MKIPPER REV APPR: FSMITH | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | SCALE | | | |
| | | | | MM/IN | 2:1 | | KK .156 HEADER ASSY FLAT VERT W/O PEGS | |
| | | | | MM | INCH | | | DRWN BY: JSCHAFFER DATE: 2003/11/03 |
| | | | | 4 PLACES ± | ± | | | |
| | | 3 PLACES ± | ± 0.01 | APPR BY: MARGULIS DATE: 2004/03/24 | | PRODUCT CUSTOMER DRAWING | | |
| | | 2 PLACES ± | ± 0.015 | SERIES | MATERIAL NUMBER | | CUSTOMER | |
| | | 1 PLACES ± | ± 0.38 | 41771 | SEE CHART | | GENERAL MARKET | |
| | | 0 PLACES ± | ± | DRAWING SIZE: A THIRD ANGLE PROJECTION | | DOCUMENT NUMBER: SD-41771-001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 1 OF * | | |
| | | ANGULAR TOL ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | |

| | |
|----------------|--------------|
| RELEASE STATUS | RELEASE DATE |
|----------------|--------------|

| | |
|-------|-----|
| 2-* | K1 |
| 1 | K1 |
| SHEET | REV |

| 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: | <u>ECM NFORMATION:</u> | | <u>TITLE:</u> | | | <u>SHEET No.</u> |
| K1 | ECM No.: 115161 | | KK 156 HEADER ASSY FLAT VERT W/O PEGS | | | - 2 - |
| | 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> | |
| SD- 41771-001 | PSD | 002 | CSLAFATER | MKIPPER | FSMITH | |

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|-----------------|-------------|-------------------|-------------|-----------------|-----------------|-----------------|---------|------------|--|----------|-----------|--|--------------|--------------|--|----------|--------------|--|------------|-----|--|-----------|-------------|--|-----------|---------|--|-------------|---|--|----------|--------------|--|--|--|--|--|--|--|-------|-------------------|--|------------|-----------------|--|---------|------------|--|----------|-----------|--|--------------|---------------|--|----------|---------------|--|------------|-----|--|-----------|-------------|--|-----------|---------|--|-------------|------|--|----------|--------------|--|--|--|--|---|--|--|-------|-------------------|--|------------|-----------------|--|---------|------------|--|----------|-----------|--|--------------|--------------|--|----------|-------------|--|------------|-----|--|-----------|-------------|--|-----------|---------|--|-------------|------|--|----------|--------------|--|--|--|--|---|--|--|-------|-------------------|--|------------|-----------------|--|---------|------------|--|----------|-----------|--|--------------|---------------|--|----------|--------------|--|------------|-----|--|-----------|-------------|--|-----------|---------|--|-------------|------|--|----------|--------------|--|--|--|--|
| <table border="1"> <tr><td>Group</td><td colspan="2">A-41771-0115/0129</td></tr> <tr><td>Header No:</td><td colspan="2">41770-0002/0016</td></tr> <tr><td>Pin No:</td><td colspan="2">43294-0214</td></tr> <tr><td>Plating:</td><td colspan="2">197 – TIN</td></tr> <tr><td>Pin Length L</td><td colspan="2">18.29 / .720</td></tr> <tr><td>Mating M</td><td colspan="2">11.43 / .450</td></tr> <tr><td>Gold Loc G</td><td colspan="2">N/A</td></tr> <tr><td>PC Tail P</td><td colspan="2">3.56 / .140</td></tr> <tr><td>Tin Loc T</td><td colspan="2">OVERALL</td></tr> <tr><td>Voided Ckts</td><td colspan="2">2</td></tr> <tr><td>Pack Per</td><td colspan="2">417710000-PK</td></tr> <tr><td> </td><td colspan="2"> </td></tr> </table> | | | Group | A-41771-0115/0129 | | Header No: | 41770-0002/0016 | | Pin No: | 43294-0214 | | Plating: | 197 – TIN | | Pin Length L | 18.29 / .720 | | Mating M | 11.43 / .450 | | Gold Loc G | N/A | | PC Tail P | 3.56 / .140 | | Tin Loc T | OVERALL | | Voided Ckts | 2 | | Pack Per | 417710000-PK | | | | | <table border="1"> <tr><td>Group</td><td colspan="2">A-41771-0195/0209</td></tr> <tr><td>Header No:</td><td colspan="2">41770-0002/0016</td></tr> <tr><td>Pin No:</td><td colspan="2">43294-1003</td></tr> <tr><td>Plating:</td><td colspan="2">197 – TIN</td></tr> <tr><td>Pin Length L</td><td colspan="2">39.62 / 1.560</td></tr> <tr><td>Mating M</td><td colspan="2">32.97 / 1.298</td></tr> <tr><td>Gold Loc G</td><td colspan="2">N/A</td></tr> <tr><td>PC Tail P</td><td colspan="2">3.35 / .132</td></tr> <tr><td>Tin Loc T</td><td colspan="2">OVERALL</td></tr> <tr><td>Voided Ckts</td><td colspan="2">NONE</td></tr> <tr><td>Pack Per</td><td colspan="2">417710000-PK</td></tr> <tr><td> </td><td colspan="2"> </td></tr> </table> | | | Group | A-41771-0195/0209 | | Header No: | 41770-0002/0016 | | Pin No: | 43294-1003 | | Plating: | 197 – TIN | | Pin Length L | 39.62 / 1.560 | | Mating M | 32.97 / 1.298 | | Gold Loc G | N/A | | PC Tail P | 3.35 / .132 | | Tin Loc T | OVERALL | | Voided Ckts | NONE | | Pack Per | 417710000-PK | | | | | <table border="1"> <tr><td>Group</td><td colspan="2">A-41771-0212/0226</td></tr> <tr><td>Header No:</td><td colspan="2">41770-0002/0016</td></tr> <tr><td>Pin No:</td><td colspan="2">43294-0400</td></tr> <tr><td>Plating:</td><td colspan="2">197 – TIN</td></tr> <tr><td>Pin Length L</td><td colspan="2">23.37 / .920</td></tr> <tr><td>Mating M</td><td colspan="2">16.31/ .642</td></tr> <tr><td>Gold Loc G</td><td colspan="2">N/A</td></tr> <tr><td>PC Tail P</td><td colspan="2">3.76 / .148</td></tr> <tr><td>Tin Loc T</td><td colspan="2">OVERALL</td></tr> <tr><td>Voided Ckts</td><td colspan="2">NONE</td></tr> <tr><td>Pack Per</td><td colspan="2">417710000-PK</td></tr> <tr><td> </td><td colspan="2"> </td></tr> </table> | | | Group | A-41771-0212/0226 | | Header No: | 41770-0002/0016 | | Pin No: | 43294-0400 | | Plating: | 197 – TIN | | Pin Length L | 23.37 / .920 | | Mating M | 16.31/ .642 | | Gold Loc G | N/A | | PC Tail P | 3.76 / .148 | | Tin Loc T | OVERALL | | Voided Ckts | NONE | | Pack Per | 417710000-PK | | | | | <table border="1"> <tr><td>Group</td><td colspan="2">A-41771-0229/0243</td></tr> <tr><td>Header No:</td><td colspan="2">41770-0002/0016</td></tr> <tr><td>Pin No:</td><td colspan="2">43294-0598</td></tr> <tr><td>Plating:</td><td colspan="2">197 – TIN</td></tr> <tr><td>Pin Length L</td><td colspan="2">28.70 / 1.130</td></tr> <tr><td>Mating M</td><td colspan="2">21.56 / .849</td></tr> <tr><td>Gold Loc G</td><td colspan="2">N/A</td></tr> <tr><td>PC Tail P</td><td colspan="2">3.84 / .151</td></tr> <tr><td>Tin Loc T</td><td colspan="2">OVERALL</td></tr> <tr><td>Voided Ckts</td><td colspan="2">NONE</td></tr> <tr><td>Pack Per</td><td colspan="2">417710000-PK</td></tr> <tr><td> </td><td colspan="2"> </td></tr> </table> | | | Group | A-41771-0229/0243 | | Header No: | 41770-0002/0016 | | Pin No: | 43294-0598 | | Plating: | 197 – TIN | | Pin Length L | 28.70 / 1.130 | | Mating M | 21.56 / .849 | | Gold Loc G | N/A | | PC Tail P | 3.84 / .151 | | Tin Loc T | OVERALL | | Voided Ckts | NONE | | Pack Per | 417710000-PK | | | | |
| Group | A-41771-0115/0129 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Header No: | 41770-0002/0016 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin No: | 43294-0214 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plating: | 197 – TIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pin Length L | 18.29 / .720 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mating M | 11.43 / .450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Pin Length L | 39.62 / 1.560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PC Tail P | 3.35 / .132 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Group | A-41771-0212/0226 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PC Tail P | 3.76 / .148 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tin Loc T | OVERALL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|-------------------------|------------------------|------------------|------------------------------|--|---------------------|------------------|
| REV: | <u>ECM NFORMATION:</u> | | <u>TITLE:</u> | | | <u>SHEET No.</u> |
| K1 | ECM No.: 115161 | | | KK 156 HEADER ASSY FLAT VERT W/O PEGS | | - 4 - |
| | 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> | |
| SD- 41771-001 | PSD | 002 | CSLAFTER | MKIPPER | FSMITH | |

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

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

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

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