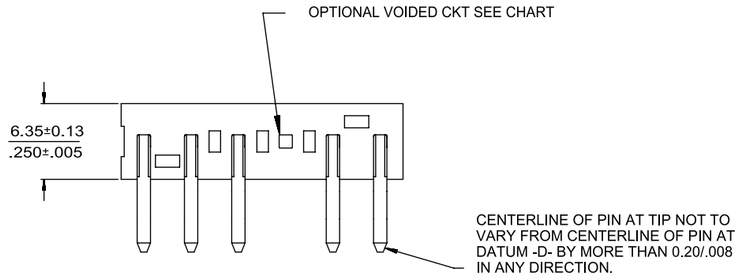
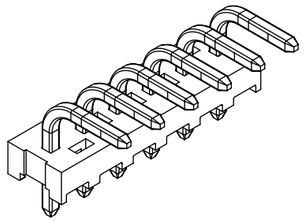
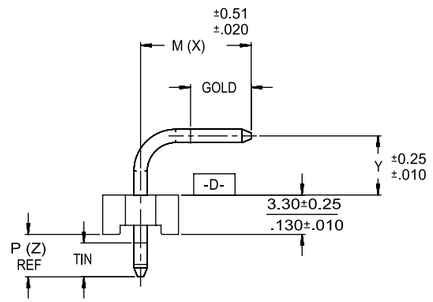
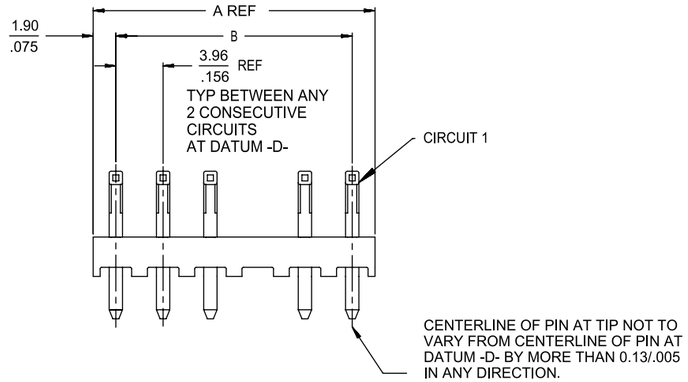
| CKT | DIM. A | DIM. B |
|---|---|---|
| 2 | 7.77<br>.306 | 3.96±0.05<br>.156±.002 |
| 3 | 11.73<br>.462 | 7.92±0.08<br>.312±.003 |
| 4 | 15.70<br>.618 | 11.89±0.08<br>.468±.003 |
| 5 | 19.66<br>.774 | 15.85±0.10<br>.624±.004 |
| 6 | 23.62<br>.930 | 19.81±0.10<br>.780±.004 |
| 7 | 27.58<br>1.086 | 23.77±0.10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

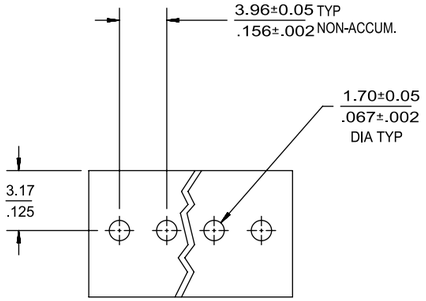
NOTES:
1. MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL (WHITE).
2. FINISH:
   (154) OVERALL TIN: 0.00254/.000100 MIN OVER 0.00127/.000050 MIN NICKEL.
   (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.
   OVER 0.00127/.000050 MIN. NICKEL OVERALL.
   (208) SELECT GOLD: 0.00038/.000015 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.
3. PRODUCT SPECIFICATION AND PROCESS PARAMETERS: SEE PS-08-50.
4. PACKAGING: SEE CHART
5. SOLDERABILITY: PER SMES-152.
6. PIN PUSH-OUT FORCE: PRIOR TO SOLDERING, A 3 LB. MINIMUM FORCE (IN EITHER DIRECTION)
7. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.






RECOMMENDED PC BOARD HOLE LAYOUT

| | |
|---|---|
| 2-* | N |
| 1 | N |
| SHEET | REV |

QUALITY SYMBOLS
FAI = 0
FAC = 0
FAD = 0
▼ = 0
C = 0
☒ = 0
■ = 0
C = 0

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

REMOVE 17,18 CKT
EC NO: 105925 2016/06/08
DRWN: BAPPELDORN 2016/08/15
CHK'D: MKIPPER 2016/08/25
APPR: FSMITH
N REV

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | MM | INCH |
|---|---|---|
| 4 PLACES | ± | ± |
| 3 PLACES | ± | ± 0.01 |
| 2 PLACES | ± 0.25 | ± 0.015 |
| 1 PLACES | ± 0.38 | ± |
| 0 PLACES | ± | ± |

ANGULAR TOL ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS: MM/IN
SCALE: 2:1
DRWN BY: SCHAFER DATE: 11-19-03
CHK'D BY: SAMIEC DATE: 11-21-03
APPR BY: MARGULIS DATE: 11-25-03
DRAWING SIZE: B
THIRD ANGLE PROJECTION

molex®

KK 156 HEADER ASSEMBLY
FLAT RIGHT ANGLE SOLID BODY W/O PEGS

PRODUCT CUSTOMER DRAWING

| SERIES | MATERIAL NUMBER | CUSTOMER |
|---|---|---|
| 41772 | SEE CHART | GENERAL MARKET |

| DOCUMENT NUMBER | DOC TYPE | DOC PART | SHEET NUMBER |
|---|---|---|---|
| SDA-41772 | PSD | 000 | 1 OF * |

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

FORMAT: Eng-lega-master-tb-prod-B
REVISION: C
DATE: 2016/04/04

OPTIONS

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0002/0016 | | Group | A-41772-0463/0477 | | Group | A-41772-0480/0494 | | Group | A-41772-0036/0050 |
| | Header No: | 41770-0002/0016 | | Header No: | 41770-0002/0016 | | Header No: | 41770-0002/0016 | | Header No: | 41770-0002/0016 |
| | Pin No: | 43294-0473 | | Pin No: | 43294-0470 | | Pin No: | 43294-0471 | | Pin No: | 43294-0526 |
| | Plating: | 197 – TIN | | Plating: | 208 - 15 GOLD | | Plating: | 228 - 30 GOLD | | Plating: | 197 – TIN |
| | Pin Length L | 25.40 / 1.000 | | Pin Length L | 25.40 / 1.000 | | Pin Length L | 25.40 / 1.000 | | Pin Length L | 26.92 / 1.060 |
| | Mating M | 14.86 / .585 | | Mating M | 14.86 / .585 | | Mating M | 14.86 / .585 | | Mating M | 16.43 / .647 |
| | Gold Loc G | N/A | | Gold Loc G | 7.11/ .280 | | Gold Loc G | 7.11/ .280 | | Gold Loc G | N/A |
| | Height Y | 4.95 / .195 | | Height Y | 4.95 / .195 | | Height Y | 4.95 / .195 | | Height Y | 4.95 / .195 |
| | PC Tail P | 3.56 / .140 | | PC Tail P | 3.56 / .140 | | PC Tail P | 3.56 / .140 | | PC Tail P | 3.51 / .138 |
| | 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 | 417720000-PK | | Pack Per | 417720000-PK | | Pack Per | 417720000-PK | | Pack Per | 417720000-PK |
| Ckts | Material No | Engineer Number | | Material No | Engineer Number | | Material No | Engineer Number | | Material No | Engineer Number |
| 2 | 26-60-3020 | A-41772-0002 | | 41772-0463 | A-41772-0463 | | 41772-0480 | A-41772-0480 | | 26-60-3021 | A-41772-0036 |
| 3 | 26-60-3030 | A-41772-0003 | | 41772-0464 | A-41772-0464 | | 41772-0481 | A-41772-0481 | | 26-60-3031 | A-41772-0037 |
| 4 | 26-60-3040 | A-41772-0004 | | 41772-0465 | A-41772-0465 | | 41772-0482 | A-41772-0482 | | 26-60-3041 | A-41772-0038 |
| 5 | 26-60-3050 | A-41772-0005 | | 41772-0466 | A-41772-0466 | | 41772-0483 | A-41772-0483 | | 26-60-3051 | A-41772-0039 |
| 6 | 26-60-3060 | A-41772-0006 | | 41772-0467 | A-41772-0467 | | 41772-0484 | A-41772-0484 | | 26-60-3061 | A-41772-0040 |
| 7 | 26-60-3070 | A-41772-0007 | | 41772-0468 | A-41772-0468 | | 41772-0485 | A-41772-0485 | | 26-60-3071 | A-41772-0041 |
| 8 | 26-60-3080 | A-41772-0008 | | 41772-0469 | A-41772-0469 | | 41772-0486 | A-41772-0486 | | 26-60-3081 | A-41772-0042 |
| 9 | 26-60-3090 | A-41772-0009 | | 41772-0470 | A-41772-0470 | | 41772-0487 | A-41772-0487 | | 26-60-3091 | A-41772-0043 |
| 10 | 26-60-3100 | A-41772-0010 | | 41772-0471 | A-41772-0471 | | 41772-0488 | A-41772-0488 | | 26-60-3101 | A-41772-0044 |
| 11 | 26-60-3110 | A-41772-0011 | | 41772-0472 | A-41772-0472 | | 41772-0489 | A-41772-0489 | | 26-60-3111 | A-41772-0045 |
| 12 | 26-60-3120 | A-41772-0012 | | 41772-0473 | A-41772-0473 | | 41772-0490 | A-41772-0490 | | 26-60-3121 | A-41772-0046 |
| 13 | 26-60-3130 | A-41772-0013 | | 41772-0474 | A-41772-0474 | | 41772-0491 | A-41772-0491 | | 26-60-3131 | A-41772-0047 |
| 14 | 26-60-3140 | A-41772-0014 | | 41772-0475 | A-41772-0475 | | 41772-0492 | A-41772-0492 | | 26-60-3141 | A-41772-0048 |
| 15 | 26-60-3150 | A-41772-0015 | | 41772-0476 | A-41772-0476 | | 41772-0493 | A-41772-0493 | | 26-60-3151 | A-41772-0049 |
| 16 | 26-60-3160 | A-41772-0016 | | 41772-0477 | A-41772-0477 | | 41772-0494 | A-41772-0494 | | 26-60-3161 | A-41772-0050 |

| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY<br>FLAT RIGHT ANGLE<br>SOLID BODY W/O PEGS** | **- 2 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0497/0511 | Group | A-41772-0514/0528 | Group | A-41772-0019/0033 | Group | A-41772-0070/0084 |
| | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 |
| | Pin No: | 43294-0524 | Pin No: | 43294-0525 | Pin No: | 43294-0474 | Pin No: | 43294-0598 |
| | Plating: | 208 – 15 GOLD | Plating: | 228 – 30 GOLD | Plating: | 241 – GOLD | Plating: | 197-TIN |
| | Pin Length L | 26.92/ 1.060 | Pin Length L | 26.92/ 1.060 | Pin Length L | 25.40/ 1.000 | Pin Length L | 28.70 / 1.130 |
| | Mating M | 16.51 / .650 | Mating M | 16.51 / .650 | Mating M | 14.86 / .585 | Mating M | 17.73/ .698 |
| | Gold Loc G | 8.77/ .345 | Gold Loc G | 8.77/ .345 | Gold Loc G | 7.11/ .280 | Gold Loc G | N/A |
| | Height Y | 4.95 / .195 | Height Y | 4.95 / .195 | Height Y | 4.95 / .195 | Height Y | 4.98/ .196 |
| | PC Tail P | 3.43 / .135 | PC Tail P | 3.43 / .135 | PC Tail P | 3.56 / .140 | PC Tail P | 3.96/ .156 |
| | Tin Loc T | 5.08/ .200 | Tin Loc T | 5.08/ .200 | Tin Loc T | 4.06/ .160 | Tin Loc T | OVERALL |
| | Voided Ckts | NONE | Voided Ckts | NONE | Voided Ckts | NONE | Voided Ckts | NONE |
| | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | 41772-0497 | A-41772-0497 | 41772-0514 | A-41772-0514 | 26-61-3020 | A-41772-0019 | 26-60-3026 | A-41772-0070 |
| 3 | 41772-0498 | A-41772-0498 | 41772-0515 | A-41772-0515 | 26-61-3030 | A-41772-0020 | 26-60-3036 | A-41772-0071 |
| 4 | 41772-0499 | A-41772-0499 | 41772-0516 | A-41772-0516 | 26-61-3040 | A-41772-0021 | 26-60-3046 | A-41772-0072 |
| 5 | 41772-0500 | A-41772-0500 | 41772-0517 | A-41772-0517 | 26-61-3050 | A-41772-0022 | 26-60-3056 | A-41772-0073 |
| 6 | 41772-0501 | A-41772-0501 | 41772-0518 | A-41772-0518 | 26-61-3060 | A-41772-0023 | 26-60-3066 | A-41772-0074 |
| 7 | 41772-0502 | A-41772-0502 | 41772-0519 | A-41772-0519 | 26-61-3070 | A-41772-0024 | 26-60-3076 | A-41772-0075 |
| 8 | 41772-0503 | A-41772-0503 | 41772-0520 | A-41772-0520 | 26-61-3080 | A-41772-0025 | 26-60-3086 | A-41772-0076 |
| 9 | 41772-0504 | A-41772-0504 | 41772-0521 | A-41772-0521 | 26-61-3090 | A-41772-0026 | 26-60-3096 | A-41772-0077 |
| 10 | 41772-0505 | A-41772-0505 | 41772-0522 | A-41772-0522 | 26-61-3100 | A-41772-0027 | 26-60-3106 | A-41772-0078 |
| 11 | 41772-0506 | A-41772-0506 | 41772-0523 | A-41772-0523 | 26-61-3110 | A-41772-0028 | 26-60-3116 | A-41772-0079 |
| 12 | 41772-0507 | A-41772-0507 | 41772-0524 | A-41772-0524 | 26-61-3120 | A-41772-0029 | 26-60-3126 | A-41772-0080 |
| 13 | 41772-0508 | A-41772-0508 | 41772-0525 | A-41772-0525 | 26-61-3130 | A-41772-0030 | 26-60-3136 | A-41772-0081 |
| 14 | 41772-0509 | A-41772-0509 | 41772-0526 | A-41772-0526 | 26-61-3140 | A-41772-0031 | 26-60-3146 | A-41772-0082 |
| 15 | 41772-0510 | A-41772-0510 | 41772-0527 | A-41772-0527 | 26-61-3150 | A-41772-0032 | 26-60-3156 | A-41772-0083 |
| 16 | 41772-0511 | A-41772-0511 | 41772-0528 | A-41772-0528 | 26-61-3160 | A-41772-0033 | 26-60-3166 | A-41772-0084 |
| | | | | | | | | |
| | | | | | | | | |

| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 3 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0155/0169 | Group | | Group | | Group | A-41772-0206/0220 |
| | Header No: | 41770-0002/0016 | Header No: | | Header No: | | Header No: | 41770-0002/0016 |
| | Pin No: | 43294-0473 | Pin No: | | Pin No: | | Pin No: | 43294-0500 |
| | Plating: | 197-TIN | Plating: | | Plating: | | Plating: | 197-TIN |
| | Pin Length L | 25.40/ 1.000 | Pin Length L | | Pin Length L | | Pin Length L | 26.16/ 1.030 |
| | Mating M | 14.86/ .585 | Mating M | | Mating M | | Mating M | 14.81/ .583 |
| | Gold Loc G | N/A | Gold Loc G | | Gold Loc G | | Gold Loc G | N/A |
| | Height Y | 4.95/ .195 | Height Y | | Height Y | | Height Y | 4.95/ .195 |
| | PC Tail P | 3.56/ .140 | PC Tail P | | PC Tail P | | PC Tail P | 4.37/ .172 |
| | Tin Loc T | OVERALL | Tin Loc T | | Tin Loc T | | Tin Loc T | OVERALL |
| | Voided Ckts | CKT 2 | Voided Ckts | | Voided Ckts | | Voided Ckts | NONE |
| | Pack Per | 417720000-PK | Pack Per | | Pack Per | | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | 26-62-3024 | A-41772-0155 | | | | | | A-41772-0206 |
| 3 | 26-62-3034 | A-41772-0156 | | | | | | A-41772-0207 |
| 4 | 26-62-3044 | A-41772-0157 | | | | | | A-41772-0208 |
| 5 | 26-62-3054 | A-41772-0158 | | | | | | A-41772-0209 |
| 6 | 26-62-3064 | A-41772-0159 | | | | | | A-41772-0210 |
| 7 | 26-62-3074 | A-41772-0160 | | | | | | A-41772-0211 |
| 8 | 26-62-3084 | A-41772-0161 | | | | | 26-60-3082 | A-41772-0212 |
| 9 | 26-62-3094 | A-41772-0162 | | | | | | A-41772-0213 |
| 10 | 26-62-3104 | A-41772-0163 | | | | | | A-41772-0214 |
| 11 | 26-62-3114 | A-41772-0164 | | | | | | A-41772-0215 |
| 12 | 26-62-3124 | A-41772-0165 | | | | | 26-60-3122 | A-41772-0216 |
| 13 | 26-62-3134 | A-41772-0166 | | | | | | A-41772-0217 |
| 14 | 26-62-3144 | A-41772-0167 | | | | | 26-60-3142 | A-41772-0218 |
| 15 | 26-62-3154 | A-41772-0168 | | | | | | A-41772-0219 |
| 16 | 26-62-3164 | A-41772-0169 | | | | | | A-41772-0220 |
| | | | | | | | | |
| | | | | | | | | |

| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 4 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0291/0305 | Group | A-41772-0308/ 0322 | Group | A-41772-0325/0338 | Group | A-41772-0341/0350 |
| | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 | Header No: | 41770-0003/0016 | Header No: | 41770-0007/0016 |
| | Pin No: | 43294-0455 | Pin No: | 43294-0157 | Pin No: | 43294-0473 | Pin No: | 43294-0473 |
| | Plating: | 197-TIN | Plating: | 197-TIN | Plating: | 197-TIN | Plating: | 197-TIN |
| | Pin Length L | 24.89/ .980 | Pin Length L | 17.02/ .670 | Pin Length L | 25.40/ 1.000 | Pin Length L | 25.40/ 1.000 |
| | Mating M | 13.54/ .533 | Mating M | 5.94/ .234 | Mating M | 14.86/ .585 | Mating M | 14.86/ .585 |
| | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A |
| | Height Y | 4.93/ .194 | Height Y | 4.90/ .193 | Height Y | 4.95/ .195 | Height Y | 4.95/ .195 |
| | PC Tail P | 3.86/ .152 | PC Tail P | 3.61/ .142 | PC Tail P | 3.56/ .140 | PC Tail P | 3.56/ .140 |
| | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL |
| | **PIN BEND R.** | **.045 R** | **PIN BEND R.** | **.045 R** | Voided Ckts | CKT 3 | Voided Ckts | CKT 7 |
| | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | | A-41772-0291 | 26-60-3028 | A-41772-0308 | | | | |
| 3 | | A-41772-0292 | 26-60-3038 | A-41772-0309 | | A-41772-0325 | | |
| 4 | 26-60-3047 | A-41772-0293 | 26-60-3048 | A-41772-0310 | | A-41772-0326 | | |
| 5 | 26-60-3057 | A-41772-0294 | 26-60-3058 | A-41772-0311 | | A-41772-0327 | | |
| 6 | 26-60-3067 | A-41772-0295 | 26-60-3068 | A-41772-0312 | 26-62-3061 | A-41772-0328 | | |
| 7 | 26-60-3077 | A-41772-0296 | 26-60-3078 | A-41772-0313 | | A-41772-0329 | | A-41772-0341 |
| 8 | | A-41772-0297 | 26-60-3088 | A-41772-0314 | 26-62-3081 | A-41772-0330 | 26-62-3082 | A-41772-0342 |
| 9 | 26-60-3097 | A-41772-0298 | 26-60-3098 | A-41772-0315 | | A-41772-0331 | | A-41772-0343 |
| 10 | | A-41772-0299 | 26-60-3108 | A-41772-0316 | | A-41772-0332 | | A-41772-0344 |
| 11 | | A-41772-0300 | 26-60-3118 | A-41772-0317 | | A-41772-0333 | | A-41772-0345 |
| 12 | 26-60-3127 | A-41772-0301 | 26-60-3128 | A-41772-0318 | | A-41772-0334 | | A-41772-0346 |
| 13 | | A-41772-0302 | 26-60-3138 | A-41772-0319 | | A-41772-0335 | | A-41772-0347 |
| 14 | | A-41772-0303 | 26-60-3148 | A-41772-0320 | | A-41772-0336 | | A-41772-0348 |
| 15 | | A-41772-0304 | 26-60-3158 | A-41772-0321 | | A-41772-0337 | 26-62-3152 | A-41772-0349 |
| 16 | | A-41772-0305 | 26-60-3168 | A-41772-0322 | | A-41772-0338 | | A-41772-0350 |
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| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 5 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0353/0365 | Group | A-41772-0378/0392 | Group | A-41772-0412/0426 | Group | A-41772-0429/0443 |
| | Header No: | 41770-0004/0016 | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 | Header No: | 41770-0002/0016 |
| | Pin No: | 43294-0473 | Pin No: | 43294-0193 | Pin No: | 43294-0436 | Pin No: | 43294-0229 |
| | Plating: | 197-TIN | Plating: | 197-TIN | Plating: | 197-TIN | Plating: | 197-TIN |
| | Pin Length L | 25.40/ 1.000 | Pin Length L | 17.78/ .700 | Pin Length L | 24.38/ .960 | Pin Length L | 18.80/ .740 |
| | Mating M | 14.86/ .585 | Mating M | 5.87/ .231 | Mating M | 15.06/ .593 | Mating M | 10.59/ .417 |
| | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A |
| | Height Y | 4.95/ .195 | Height Y | 4.90/ .193 | Height Y | 2.71/ .107 | Height Y | 2.71/ .107 |
| | PC Tail P | 3.56/ .140 | PC Tail P | 4.45/ .175 | PC Tail P | 4.06/ .160 | PC Tail P | 2.92/ .115 |
| | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL |
| | Voided Ckts | CKT 4 | **PIN BEND R.** | **.045 R** | **PIN BEND R.** | **.045 R** | **PIN BEND R.** | **.045 R** |
| | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | | | 26-60-3029 | A-41772-0378 | 27-60-3020 | A-41772-0412 | | A-41772-0429 |
| 3 | | | 26-60-3039 | A-41772-0379 | | A-41772-0413 | | A-41772-0430 |
| 4 | | A-41772-0353 | 26-60-3049 | A-41772-0380 | | A-41772-0414 | | A-41772-0431 |
| 5 | | A-41772-0354 | 26-60-3059 | A-41772-0381 | | A-41772-0415 | | A-41772-0432 |
| 6 | | A-41772-0355 | 26-60-3069 | A-41772-0382 | | A-41772-0416 | 27-60-3061 | A-41772-0433 |
| 7 | | A-41772-0356 | 26-60-3079 | A-41772-0383 | 27-60-3070 | A-41772-0417 | 27-60-3071 | A-41772-0434 |
| 8 | 26-62-3083 | A-41772-0357 | 26-60-3089 | A-41772-0384 | | A-41772-0418 | | A-41772-0435 |
| 9 | | A-41772-0358 | 26-60-3099 | A-41772-0385 | | A-41772-0419 | | A-41772-0436 |
| 10 | | A-41772-0359 | 26-60-3109 | A-41772-0386 | | A-41772-0420 | | A-41772-0437 |
| 11 | | A-41772-0360 | 26-60-3119 | A-41772-0387 | | A-41772-0421 | | A-41772-0438 |
| 12 | 26-62-3123 | A-41772-0361 | 26-60-3129 | A-41772-0388 | | A-41772-0422 | | A-41772-0439 |
| 13 | | A-41772-0362 | 26-60-3139 | A-41772-0389 | | A-41772-0423 | | A-41772-0440 |
| 14 | | A-41772-0363 | 26-60-3149 | A-41772-0390 | | A-41772-0424 | | A-41772-0441 |
| 15 | | A-41772-0364 | 26-60-3159 | A-41772-0391 | | A-41772-0425 | | A-41772-0442 |
| 16 | | A-41772-0365 | 26-60-3169 | A-41772-0392 | | A-41772-0426 | | A-41772-0443 |
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| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 6 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | A-41772-0446/0460 | Group | A-41772-0548/0558 | Group | A-41772-0561/0571 | Group | A-41772-0605/0619 |
| | Header No: | 41770-0002/0016 | Header No: | 41770-0006/0016 | Header No: | 41770-0006/0016 | Header No: | 41770-0002/0016 |
| | Pin No: | 43294-0596 | Pin No: | 43294-0473 | Pin No: | 43294-0526 | Pin No: | 43294-0642 |
| | Plating: | 241-GOLD | Plating: | 197-TIN | Plating: | 197-TIN | Plating: | 228-GOLD |
| | Pin Length L | 28.70/1.130 | Pin Length L | 25.40/ 1.000 | Pin Length L | 26.92/ 1.060 | Pin Length L | 29.97 / 1.180 |
| | Mating M | 17.73/.698 | Mating M | 14.86/ .585 | Mating M | 16.43/ .647 | Mating M | 15.32 / .603 |
| | Gold Loc G | 6.85/ .270 | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | 6.85/ .270 |
| | Height Y | 4.95/ .195 | Height Y | 4.95/ .195 | Height Y | 4.95/ .195 | Height Y | 9.25 / .364 |
| | PC Tail P | 3.99/ .157 | PC Tail P | 3.56/ .140 | PC Tail P | 3.51/ .138 | PC Tail P | 3.38 / .133 |
| | Tin Loc T | 5.08/ .200 | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | 5.08/ .200 |
| | Voided Ckts | NONE | Voided Ckts | CKTS 2, 4, 6 | Voided Ckts. | CKTS 2, 4, 6 | Voided Ckts. | NONE |
| | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Item No | Item No | Material No | Engineer Number |
|---|---|---|---|---|---|---|
| 2 | 27-60-3022 | A-41772-0446 | | | | 41772-0605 |
| 3 | 27-60-3032 | A-41772-0447 | | | 417720606 | 41772-0606 |
| 4 | 27-60-3042 | A-41772-0448 | | | | 41772-0607 |
| 5 | 27-60-3052 | A-41772-0449 | | | | 41772-0608 |
| 6 | 27-60-3062 | A-41772-0450 | 41772-0548 | 41772-0561 | | 41772-0609 |
| 7 | 27-60-3072 | A-41772-0451 | 41772-0549 | 41772-0562 | | 41772-0610 |
| 8 | 27-60-3082 | A-41772-0452 | 41772-0550 | 41772-0563 | | 41772-0611 |
| 9 | 27-60-3092 | A-41772-0453 | 41772-0551 | 41772-0564 | | 41772-0612 |
| 10 | 27-60-3102 | A-41772-0454 | 41772-0552 | 41772-0565 | | 41772-0613 |
| 11 | 27-60-3112 | A-41772-0455 | 41772-0553 | 41772-0566 | | 41772-0614 |
| 12 | 27-60-3122 | A-41772-0456 | 41772-0554 | 41772-0567 | | 41772-0615 |
| 13 | 27-60-3132 | A-41772-0457 | 41772-0555 | 41772-0568 | | 41772-0616 |
| 14 | 27-60-3142 | A-41772-0458 | 41772-0556 | 41772-0569 | | 41772-0617 |
| 15 | 27-60-3152 | A-41772-0459 | 41772-0557 | 41772-0570 | | 41772-0618 |
| 16 | 27-60-3162 | A-41772-0460 | 41772-0558 | 41772-0571 | | 41772-0619 |
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| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 7 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

| OPTIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | 41772-0622/0629 | Group | 41772-0632/0645 | Group | 41772-0648/0655 | Group | 41772-0663 |
| | Header No: | 41770-0009/0016 | Header No: | 41770-0003/0016 | Header No: | 41770-0009/0016 | Header No: | 41770-0004 |
| | Pin No: | 43294-0400 | Pin No: | 43294-0283 | Pin No: | 43294-0301 | Pin No: | 43294-0302 |
| | Plating: | 197 – TIN | Plating: | 197 – TIN | Plating: | 197 – TIN | Plating: | 154 – TIN |
| | Pin Length L | 23.37 / .920 | Pin Length L | 20.32 / .800 | Pin Length L | 20.83 / .820 | Pin Length L | 20.83 / .820 |
| | Mating M | 13.21 / .520 | Mating M | 13.08 / .515 | Mating M | 13.06 / .514 | Mating M | 10.13/ .399 |
| | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A | Gold Loc G | N/A |
| | Height Y | 4.95 / .195 | Height Y | 1.98 / .078 | Height Y | 2.54 / .100 | Height Y | 4.95 / .195 |
| | PC Tail P | 3.18 / .125 | PC Tail P | 3.18 / .125 | PC Tail P | 3.18 / .125 | PC Tail P | 3.71 / .146 |
| | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL | Tin Loc T | OVERALL |
| | Voided Ckts | 5, 8, 9 | Voided Ckts | 3 | Voided Ckts | 5, 8, 9 | Voided Ckts | NONE |
| | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK | Pack Per | 417720000-PK |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | | | | | | | | |
| 3 | | | | 41772-0632 | | | | |
| 4 | | | | 41772-0633 | | | 41772-0663 | 41772-0663 |
| 5 | | | | 41772-0634 | | | | |
| 6 | | | | 41772-0635 | | | | |
| 7 | | | 41772-0636 | 41772-0636 | | | | |
| 8 | | | | 41772-0637 | | | | |
| 9 | | 41772-0622 | | 41772-0638 | | 41772-0648 | | |
| 10 | | 41772-0623 | | 41772-0639 | | 41772-0649 | | |
| 11 | | 41772-0624 | | 41772-0640 | | 41772-0650 | | |
| 12 | | 41772-0625 | | 41772-0641 | | 41772-0651 | | |
| 13 | | 41772-0626 | | 41772-0642 | | 41772-0652 | | |
| 14 | 41772-0627 | 41772-0627 | | 41772-0643 | 41772-0653 | 41772-0653 | | |
| 15 | | 41772-0628 | | 41772-0644 | | 41772-0654 | | |
| 16 | | 41772-0629 | | 41772-0645 | | 41772-0655 | | |
| | | | | | | | | |
| | | | | | | | | |

| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 8 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

OPTIONS

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Group | 41772-0682 | Group | | Group | | Group | |
| | Header No: | 41770-0006 | Header No: | | Header No: | | Header No: | |
| | Pin No: | 43294-0103 | Pin No: | | Pin No: | | Pin No: | |
| | Plating: | 197 – TIN | Plating: | | Plating: | | Plating: | |
| | Pin Length L | 15.49 / .610 | Pin Length L | | Pin Length L | | Pin Length L | |
| | Mating M | 6.86 / .270 | Mating M | | Mating M | | Mating M | |
| | Gold Loc G | N/A | Gold Loc G | | Gold Loc G | | Gold Loc G | |
| | Height Y | 2.92 / .115 | Height Y | | Height Y | | Height Y | |
| | PC Tail P | 3.68 / .145 | PC Tail P | | PC Tail P | | PC Tail P | |
| | Tin Loc T | OVERALL | Tin Loc T | | Tin Loc T | | Tin Loc T | |
| | Voided Ckts | NONE | Voided Ckts | | Voided Ckts | | Voided Ckts | |
| | Pack Per | 417720000-PK | Pack Per | | Pack Per | | Pack Per | |

| Ckts | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number | Material No | Engineer Number |
|---|---|---|---|---|---|---|---|---|
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | | | | | | | | |
| 6 | 41772-0682 | 41772-0682 | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |
| 17 | | | | | | | | |
| 18 | | | | | | | | |

| REV: | ECM INFORMATION: | TITLE: | SHEET No. |
|---|---|---|---|
| **N** | EC No.: **105925**<br>DATE: **8/25/2016** | **KK 156 HEADER ASSEMBLY**<br>**FLAT RIGHT ANGLE**<br>**SOLID BODY W/O PEGS** | **- 9 -** |

| DOCUMENT NUMBER: | DOC TYPE: | DOC PART: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
|---|---|---|---|---|---|
| **SDA- 41772** | **PSD** | **002** | **BAPPELDORN** | **MKIPPER** | **FSMITH** |

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