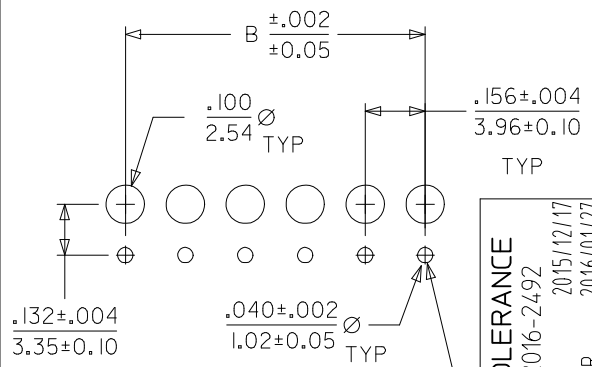


- NOTES:
- HOUSING MATERIAL: NYLON, UL 94V-2
  - FINISH:
    - (909) = OVERALL HOT TIN DIP: .000100/0.00254 MIN.
    - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN. OVER 0.00127/.000050 MIN. NICKEL OVERALL.
    - (154) = OVERALL TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
    - (208) = SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
  - PRODUCT SPECIFICATION: PS-08-50
  - PACKAGING INFORMATION: SEE CHARTS.
  - SOLDERABILITY SPECIFICATION: SMES-152
  - RIGHT ANGLE OPTIONS: SEE DRAWING SDA-2145-001.
  - TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
  - .132/3.35 DIMENSION IS CENTER OF TERMINAL TO CENTER OF MATING PIN AND DOES NOT REFLECT CENTER OF THE CONNECTOR HOUSING WINDOW DIMENSION.
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - DIMENSION "C" MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

| CKT | A              | B                        | CENTER HOOK(S)<br>LOCATED BETWEEN<br>CIRCUITS |
|-----|----------------|--------------------------|---|
| 02  | .308<br>7.82   | .156±.005<br>3.96±0.13   | NONE  |
| 03  | .464<br>11.79  | .312±.005<br>7.92±0.13   | NONE  |
| 04  | .620<br>15.75  | .468±.005<br>11.89±0.13  | NONE  |
| 05  | .776<br>19.71  | .624±.005<br>15.85±0.13  | NONE  |
| 06  | .932<br>23.67  | .780±.005<br>19.81±0.13  | NONE  |
| 07  | 1.088<br>27.64 | .936±.010<br>23.77±0.25  | NONE  |
| 08  | 1.244<br>31.60 | 1.092±.010<br>27.74±0.25 | 4 & 5   |
| 09  | 1.400<br>35.56 | 1.248±.010<br>31.70±0.25 | 4 & 5   |
| 10  | 1.556<br>39.52 | 1.404±.010<br>35.66±0.25 | 5 & 6   |
| 11  | 1.712<br>43.48 | 1.560±.010<br>39.62±0.25 | 5 & 6   |
| 12  | 1.868<br>47.45 | 1.716±.010<br>43.59±0.25 | 4 & 5,<br>8 & 9                               |
| 13  | 2.024<br>51.41 | 1.872±.010<br>47.55±0.25 | 6 & 7,<br>11 & 12                             |
| 14  | 2.180<br>55.37 | 2.028±.014<br>51.51±0.36 | 5 & 6,<br>9 & 10                              |
| 15  | 2.336<br>59.33 | 2.184±.014<br>55.47±0.36 | 5 & 6,<br>10 & 11                             |



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS .062/1.57

|                          |
|--------------------------|
| <b>DIM "C" TOLERANCE</b> |
| EC NO: UCP2016-2492      |
| DRWN:IGES 2015/12/17     |
| CHKD:MKIPPER 2016/01/27  |
| APPR:FSMITH 2016/08/25   |
| AA                       |

| QUALITY SYMBOLS |
|-----------------|
| ▽ = 0           |
| ▽ = 0           |
| ▽ = 0           |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                |        |
|--|--------|
|  | mm     |
| 4 PLACES   | ± ---  |
| 3 PLACES   | ± ---  |
| 2 PLACES   | ± 0.25 |
| 1 PLACE  | ± 0.36 |
| 0 PLACE  | ± ---  |
| ANGULAR ±1/2°  |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |

| DIMENSION STYLE |   |
|-----------------|---|
| IN/MM           |   |
| DRAWN BY        | DATE  |
| SAMIEC          | 01/16/03  |
| CHECKED BY      | DATE  |
| SAMIEC          | 01/16/03  |
| APPROVED BY     | DATE  |
| FSMITH          | 2016/08/25  |
| MATERIAL NO.    |   |
| SEE CHART       |   |
| SIZE            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |
| A               |   |

| SCALE  | DESIGN UNITS | THIRD ANGLE PROJECTION |
|--|--------------|------------------------|
|  | INCH         |                        |
| TITLE  |              |                        |
| KK 156 HOUSING ASSY<br>PC TAIL<br>BOTTOM ENTRY |              |                        |
| <b>molex</b>                                   |              |                        |
| DOCUMENT NO.                                   | SDA-2145-003 | SHEET NO.<br>1 OF 4    |

|      |      |
|------|------|
| 2    | AA   |
| 1    | AA   |
| SHT. | REV. |



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

| OPTIONS | RAMPS        | YES                 | RAMPS        | YES                 |
|---------|--------------|---------------------|--------------|---------------------|
|         | COLOR:       | WHITE               | COLOR:       | WHITE               |
|         | MOLD VOID:   | NONE                | MOLD VOID:   | NONE                |
|         | TERM MATL:   | PHOS BRONZE         | TERM MATL:   | PHOS BRONZE         |
|         | CONTACT:     | STANDARD            | CONTACT:     | STANDARD            |
|         | PC TAIL (C): | .160 / 4.06         | PC TAIL (C): | .160 / 4.06         |
|         | PLT CODE:    | 197 – TIN           | PLT CODE:    | 208 – 15 GOLD       |
|         | TERM VOID:   | NONE                | TERM VOID:   | NONE                |
|         | PACKAGING:   | TRAY<br>PK-2145-001 | PACKAGING:   | TRAY<br>PK-2145-001 |
| Ckt     | Material No  | Material No         |              |                     |
| 2       | 09-62-6024   | 09-62-4028          |              |                     |
| 3       | 09-62-6034   | 09-62-4038          |              |                     |
| 4       | 09-62-6044   | 09-62-4048          |              |                     |
| 5       | 09-62-6054   | 09-62-4058          |              |                     |
| 6       | 09-62-6064   | 09-62-4068          |              |                     |
| 7       | 09-62-6074   | 09-62-4078          |              |                     |
| 8       | 09-62-6084   | 09-62-4088          |              |                     |
| 9       | 09-62-6094   | 09-62-4098          |              |                     |
| 10      | 09-62-6104   | 09-62-4108          |              |                     |
| 11      | 09-62-6114   | 09-62-4118          |              |                     |
| 12      | 09-62-6124   | 09-62-4128          |              |                     |
| 13      | 09-62-6134   | 09-62-4138          |              |                     |
| 14      | 09-62-6144   | 09-62-4148          |              |                     |
| 15      | 09-62-6154   | 09-62-4158          |              |                     |

|                         |   |   |                     |
|-------------------------|---|---|---------------------|
| <b>REV:</b>             | <b>CLARIFY HOOKS</b><br>ECM 107740<br>8/22/2016 MKIPPER | <b>TITLE:</b>   | <b>SHEET No.</b>    |
| <b>AA</b>               |   | <b>KK 156 PCB ASSY</b><br><b>2145 BOTTOM ENTRY SERIES</b> | <b>- 2 -</b>        |
| <b>DOCUMENT NUMBER:</b> | <b>CREATED / REVISED BY:</b>                            | <b>CHECKED BY:</b>  | <b>APPROVED BY:</b> |
| <b>SDA-2145-003</b>     | <b>MKIPPER</b>  | <b>JBELL</b>  | <b>FSMITH</b>       |



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

| OPTIONS | RAMPS        | YES                 | RAMPS        | YES                 | RAMPS        | YES                 | RAMPS        | YES                 |
|---------|--------------|---------------------|--------------|---------------------|--------------|---------------------|--------------|---------------------|
|         | COLOR:       | WHITE               | COLOR:       | WHITE               | COLOR:       | WHITE               | COLOR:       | WHITE               |
|         | MOLD VOID:   | NONE                | MOLD VOID:   | NONE                | MOLD VOID:   | NONE                | MOLD VOID:   | NONE                |
|         | TERM MATL:   | PHOS BRONZE         | TERM MATL:   | BRASS               | TERM MATL:   | BRASS               | TERM MATL:   | BRASS               |
|         | CONTACT:     | STANDARD            | CONTACT:     | STANDARD            | CONTACT:     | STANDARD            | CONTACT:     | STANDARD            |
|         | PC TAIL (C): | .160 / 4.06         | PC TAIL (C): | .160 / 4.06         | PC TAIL (C): | .160 / 4.06         | PC TAIL (C): | .126 / 3.20         |
|         | PLT CODE:    | P909 – TIN          | PLT CODE:    | P909 – TIN          | PLT CODE:    | 208 – 15 GOLD       | PLT CODE:    | P909 – TIN          |
|         | TERM VOID:   | NONE                | TERM VOID:   | NONE                | TERM VOID:   | NONE                | TERM VOID:   | NONE                |
|         | PACKAGING:   | TRAY<br>PK-2145-001 | PACKAGING:   | TRAY<br>PK-2145-001 | PACKAGING:   | TRAY<br>PK-2145-001 | PACKAGING:   | TRAY<br>PK-2145-001 |
| Ckt     | Material No  | Material No         | Material No  | Material No         | Material No  | Material No         | Material No  |                     |
| 2       | 09-52-2028   | 09-52-3022          | 09-62-3022   | 09-52-5022          |              |                     |              |                     |
| 3       | 09-52-2038   | 09-52-3032          | 09-62-3032   | 09-52-5032          |              |                     |              |                     |
| 4       | 09-52-2048   | 09-52-3042          | 09-62-3042   | 09-52-5042          |              |                     |              |                     |
| 5       | 09-52-2058   | 09-52-3052          | 09-62-3052   | 09-52-5052          |              |                     |              |                     |
| 6       | 09-52-2068   | 09-52-3062          | 09-62-3062   | 09-52-5062          |              |                     |              |                     |
| 7       | 09-52-2078   | 09-52-3072          | 09-62-3072   | 09-52-5072          |              |                     |              |                     |
| 8       | 09-52-2088   | 09-52-3082          | 09-62-3082   | 09-52-5082          |              |                     |              |                     |
| 9       | 09-52-2098   | 09-52-3092          | 09-62-3092   | 09-52-5092          |              |                     |              |                     |
| 10      | 09-52-2108   | 09-52-3102          | 09-62-3102   | 09-52-5102          |              |                     |              |                     |
| 11      | 09-52-2118   | 09-52-3112          | 09-62-3112   | 09-52-5112          |              |                     |              |                     |
| 12      | 09-52-2128   | 09-52-3122          | 09-62-3122   | 09-52-5122          |              |                     |              |                     |
| 13      | 09-52-2138   | 09-52-3132          | 09-62-3132   | 09-52-5132          |              |                     |              |                     |
| 14      | 09-52-2148   | 09-52-3142          | 09-62-3142   | 09-52-5142          |              |                     |              |                     |
| 15      | 09-52-2158   | 09-52-3152          | 09-62-3152   | 09-52-5152          |              |                     |              |                     |

|                         |   |                              |   |                                  |              |
|-------------------------|---|------------------------------|---|----------------------------------|--------------|
| <b>REV:</b>             | <b>CLARIFY HOOKS</b><br>ECM 107740<br>8/22/2016 MKIPPER | <b>TITLE:</b>                | <b>KK 156 PCB ASSY</b><br><b>2145 BOTTOM ENTRY SERIES</b> | <u>SHEET No.</u><br><b>- 3 -</b> |              |
| <b>AA</b>               |   |                              |   |                                  |              |
| <u>DOCUMENT NUMBER:</u> | <b>SDA-2145-003</b>                                     | <u>CREATED / REVISED BY:</u> | <b>MKIPPER</b>  | <u>CHECKED BY:</u>               | <b>JBELL</b> |
|                         |   | <u>APPROVED BY:</u>          | <b>FSMITH</b>   |                                  |              |



# KK 156 PCB ASSY 2-15 CKT

## 2145 BOTTOM ENTRY SERIES

| OPTIONS | RAMPS        | YES                 | RAMPS        |  | RAMPS        |  | RAMPS        |  |
|---------|--------------|---------------------|--------------|--|--------------|--|--------------|--|
|         | COLOR:       | WHITE               | COLOR:       |  | COLOR:       |  | COLOR:       |  |
|         | MOLD VOID:   | NONE                | MOLD VOID:   |  | MOLD VOID:   |  | MOLD VOID:   |  |
|         | TERM MATL:   | PHOS BRONZE         | TERM MATL:   |  | TERM MATL:   |  | TERM MATL:   |  |
|         | CONTACT:     | STANDARD            | CONTACT:     |  | CONTACT:     |  | CONTACT:     |  |
|         | PC TAIL (C): | .160 / 4.06         | PC TAIL (C): |  | PC TAIL (C): |  | PC TAIL (C): |  |
|         | PLT CODE:    | P154 – TIN          | PLT CODE:    |  | PLT CODE:    |  | PLT CODE:    |  |
|         | TERM VOID:   | NONE                | TERM VOID:   |  | TERM VOID:   |  | TERM VOID:   |  |
|         | PACKAGING:   | TRAY<br>PK-2145-001 | PACKAGING:   |  | PACKAGING:   |  | PACKAGING:   |  |
| Ckt     | Material No  |                     | Material No  |  | Material No  |  | Material No  |  |
| 2       | 50-30-4405   |                     |              |  |              |  |              |  |
| 3       | 50-30-4406   |                     |              |  |              |  |              |  |
| 4       | 50-30-4407   |                     |              |  |              |  |              |  |
| 5       | 50-30-4408   |                     |              |  |              |  |              |  |
| 6       | 50-30-4409   |                     |              |  |              |  |              |  |
| 7       | 50-30-4411   |                     |              |  |              |  |              |  |
| 8       | 50-30-4412   |                     |              |  |              |  |              |  |
| 9       | 50-30-4413   |                     |              |  |              |  |              |  |
| 10      | 50-30-4414   |                     |              |  |              |  |              |  |
| 11      | 50-30-4415   |                     |              |  |              |  |              |  |
| 12      | 50-30-4416   |                     |              |  |              |  |              |  |
| 13      | 50-30-4417   |                     |              |  |              |  |              |  |
| 14      | 50-30-4418   |                     |              |  |              |  |              |  |
| 15      | 50-30-4419   |                     |              |  |              |  |              |  |

|                         |   |                              |   |                                  |              |                     |               |
|-------------------------|---|------------------------------|---|----------------------------------|--------------|---------------------|---------------|
| <b>REV:</b>             | <b>CLARIFY HOOKS</b><br>ECM 107740<br>8/22/2016 MKIPPER | <u>TITLE:</u>                | <b>KK 156 PCB ASSY</b><br><b>2145 BOTTOM ENTRY SERIES</b> | <u>SHEET No.</u><br><b>- 4 -</b> |              |                     |               |
| <b>AA</b>               |   |                              |   |                                  |              |                     |               |
| <u>DOCUMENT NUMBER:</u> | <b>SDA-2145-003</b>                                     | <u>CREATED / REVISED BY:</u> | <b>MKIPPER</b>  | <u>CHECKED BY:</u>               | <b>JBELL</b> | <u>APPROVED BY:</u> | <b>FSMITH</b> |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)  
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-](#)  
[5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-](#)  
[367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)