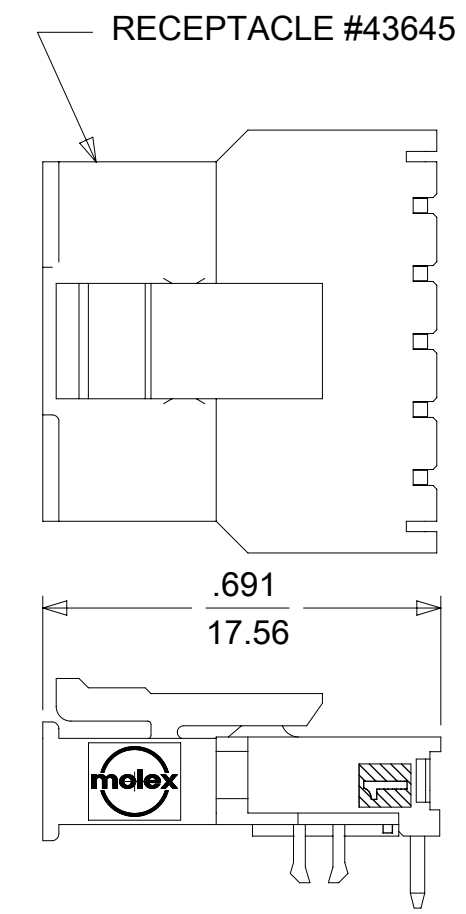
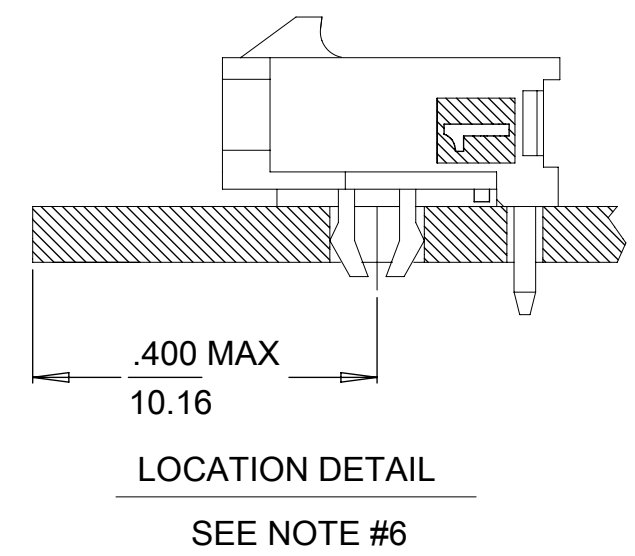


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57



MATED MICRO FIT CONNECTOR

| CKTS | DIM A | DIM B | DIM C |
|------|----------------|----------------|----------------|
| 2 | .380 9.65 | .118 3.00 | .287 7.30 |
| 3 | .498 12.65 | .236 6.00 | .405 10.30 |
| 4 | .616 15.65 | .354 9.00 | .524 13.30 |
| 5 | .734 18.64 | .472 12.00 | .642 16.30 |
| 6 | .852 21.64 | .591 15.00 | .760 19.30 |
| 7 | .970 24.64 | .709 18.00 | .878 22.30 |
| 8 | 1.088 27.64 | .827 21.00 | .996 25.30 |
| 9 | 1.206 30.63 | .945 24.00 | 1.114 28.30 |
| 10 | 1.325 33.66 | 1.063 27.00 | 1.232 31.30 |
| 11 | 1.443 36.65 | 1.181 30.00 | 1.350 34.30 |
| 12 | 1.561 39.65 | 1.299 33.00 | 1.469 37.30 |

NOTES:

- HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINAL MATERIAL: BRASS ALLOY
- FINISH:
A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL
(FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)
B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA
.000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS
BOTH OVER .000050/(0.00127) NICKEL OVERALL
C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA
.000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS
BOTH OVER .000050/(0.00127) NICKEL OVERALL
- PRODUCT SPECIFICATION: PS-43650
- PACKAGING SPECIFICATION: TAPE AND REEL PACKED PER 436500007-PK.
- MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43645
- TO AVOID INTERFERENCE BETWEEN RECEPTACLE AND PCB, HEADER MUST BE PLACED WITHIN .400/(10.16) MAX. FROM EDGE OF PCB, AS SHOWN IN LOCATION DETAIL.
- TO MINIMIZE INSERTION FORCE OF MOUNTING CLIPS DURING ROBOTIC PLACEMENT, THE HOLE DIAMETER SHOULD BE INCREASED TO .108 ±.002/2.74 ±0.05 AND THEN EVALUATED PER PLACEMENT EQUIPMENT.
- METAL TAB MAY BE FLUSH WITH PCB. NO EXPOSED TRACES OR VIAS ALLOWED NEAR THESE AREAS.
- THIS PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL

| CKTS | FINISH A MATERIAL NO: |
|------|--------------------------|
| 02 | 43650-0257 |
| 03 | |
| 04 | |
| 05 | 43650-0557 |
| 06 | 43650-0657 |
| 07 | |
| 08 | |
| 09 | |
| 10 | |
| 11 | |
| 12 | |

| FINISH B MATERIAL NO: |
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| FINISH C MATERIAL NO: |
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|--|---|------------------------|-------------------------------------|--------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | CURRENT REV DESC: 43650-0557 TOOLED | |
| | DIMENSION UNITS | SCALE | | |
| FA = 0 | INCH/MM | NTS | | |
| FC = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| FP = 0 | | MM | INCH | |
| DIVISIONAL SYMBOLS | 4 PLACES | ± | ± | |
| | 3 PLACES | ± | ± 0.01 | |
| | 2 PLACES | ± 0.25 | ± 0.014 | |
| | 1 PLACE | ± 0.36 | ± | |
| | 0 PLACES | ± | ± | |
| | ANGULAR TOL | ± 0.5 ° | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING | SERIES |
| | | | C-SIZE | 43650 |

| | | | |
|-------------------|--|------------|--|
| EC NO: 659030 | | 2020/10/16 | |
| DRWN: MKIPPER | | 2021/04/08 | |
| CHK'D: SSOUSEK | | 2021/04/09 | |
| APPR: FSMITH | | | |
| INITIAL REVISION: | | | |
| DRWN: BAPPELDORN | | 2012/08/02 | |
| APPR: FSMITH | | 2016/03/18 | |

| | | | | |
|-----------------|----------------|--------------|----------|----------|
| DOCUMENT NUMBER | | DOC TYPE | DOC PART | REVISION |
| SD-43650-020 | | PSD | 000 | B3 |
| MATERIAL NUMBER | CUSTOMER | SHEET NUMBER | | |
| SEE CHART | GENERAL MARKET | 1 OF 1 | | |