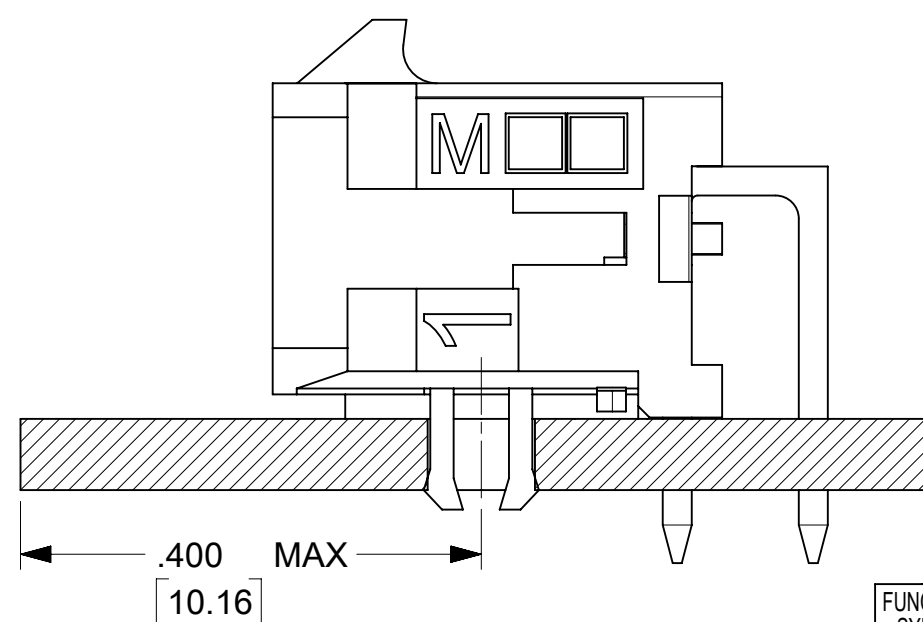


PCB LAYOUT: COMPONENT SIDE
RECOMMEND PCB THICKNESS: .062/1.57

CIRCUIT "1" IDENTIFIED ON THIS SURFACE
(APPROX. LOCATION SHOWN FOR REF.)



LOCATION DETAIL
SEE NOTE #7

NOTES:

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER UL94V-0, COLOR: BLACK
TERMINAL MATERIAL: BRASS ALLOY
- FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL PLATE
(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) MIN. NICKEL PLATE
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) MIN. NICKEL PLATE
D = .000100/(0.00254) MIN. MATTE TIN OVER
.000050/(0.00127) MIN. NICKEL PLATE.
- PRODUCT SPECIFICATION: PS-43045
- TRAY PACKAGED: SEE MOLEX DRAWING PK-70873-0313
- MATES WITH MICRO-FIT (3.0) RECEPTACLE SERIES 43025
- CIRCUIT SIZES 2-6: 'D' IS .265/6.74 FOR .010/(0.25) STEP
CIRCUIT SIZES 8-24: 'D' IS .063/(1.60) FOR .010/(0.25) STEP
- 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.
- 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.
- FOR BEST RETENTION TO PCB, HOLES SHOULD BE PTH AND CLIPS SHOULD BE SOLDERED
- TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL

| CKTS | A | B | C |
|------|----------------|----------------|----------------|
| 02 | .262 6.65 | — NA | .169 4.30 |
| 04 | .380 9.65 | .118 3.00 | .287 7.30 |
| 06 | .498 12.65 | .236 6.00 | .405 10.30 |
| 08 | .616 15.65 | .354 9.00 | .524 13.30 |
| 10 | .734 18.65 | .472 12.00 | .642 16.30 |
| 12 | .852 21.65 | .591 15.00 | .760 19.30 |
| 14 | .970 24.65 | .709 18.00 | .878 22.30 |
| 16 | 1.088 27.65 | .827 21.00 | .996 25.30 |
| 18 | 1.206 30.65 | .945 24.00 | 1.114 28.30 |
| 20 | 1.325 33.65 | 1.063 27.00 | 1.252 31.30 |
| 22 | 1.443 36.65 | 1.181 30.00 | 1.350 34.30 |
| 24 | 1.561 39.65 | 1.299 33.00 | 1.469 37.30 |

| CKTS | FINISH A | FINISH B | FINISH C | FINISH D |
|------|--------------|--------------|--------------|--------------|
| | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: | MATERIAL NO: |
| 02 | 43045-0221 | 43045-0222 | 43045-0223 | |
| 04 | 43045-0421 | 43045-0422 | 43045-0423 | |
| 06 | 43045-0621 | 43045-0622 | 43045-0623 | 43045-0658 |
| 08 | 43045-0821 | 43045-0822 | 43045-0823 | |
| 10 | 43045-1021 | 43045-1022 | 43045-1023 | |
| 12 | 43045-1221 | 43045-1222 | 43045-1223 | |
| 14 | 43045-1421 | 43045-1422 | 43045-1423 | |
| 16 | 43045-1621 | 43045-1622 | 43045-1623 | |
| 18 | 43045-1821 | 43045-1822 | 43045-1823 | 43045-1858 |
| 20 | 43045-2021 | 43045-2022 | 43045-2023 | |
| 22 | 43045-2221 | 43045-2222 | 43045-2223 | |
| 24 | 43045-2421 | 43045-2422 | 43045-2423 | |

| | | | | |
|--|---|---------------------------------------|--|--------|
| FUNCTIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | DIMENSION UNITS | SCALE | CURRENT REV DESC: REDRAWN, ADD NOTES 10 & 11 | |
| | $F_A = 0$ | INCH/MM | NTS | |
| | $F_C = 0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) | | |
| DIVISIONAL SYMBOLS | | MM | INCH | |
| | $F_P = 0$ | 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 | 43045 |

| | | | |
|-------------------|--|----------------|--------------|
| EC NO: 736143 | | | |
| DRWN: SETHH6 | | 2022/12/14 | |
| CHK'D: MKIPPER | | 2023/01/24 | |
| APPR: FSMITH | | 2023/01/26 | |
| INITIAL REVISION: | | | |
| DRWN: SAMIEC | | 2000/03/15 | |
| APPR: FSMITH | | 2016/02/26 | |
| DOCUMENT NUMBER | | DOC TYPE | DOC PART |
| SD-43045-008 | | PSD | 000 |
| MATERIAL NUMBER | | CUSTOMER | SHEET NUMBER |
| SEE CHART | | GENERAL MARKET | 1 OF 1 |