

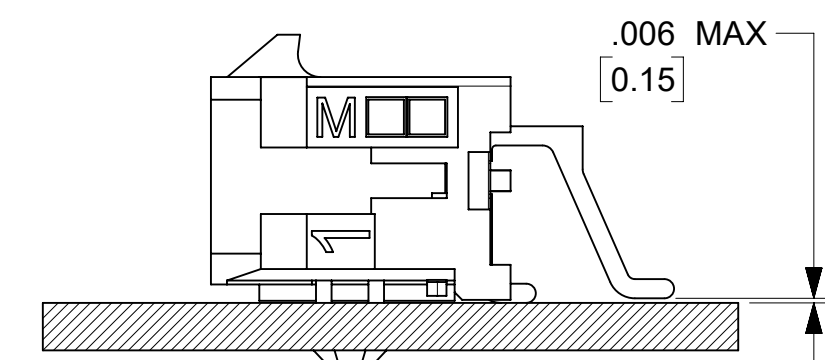
PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/1.57

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

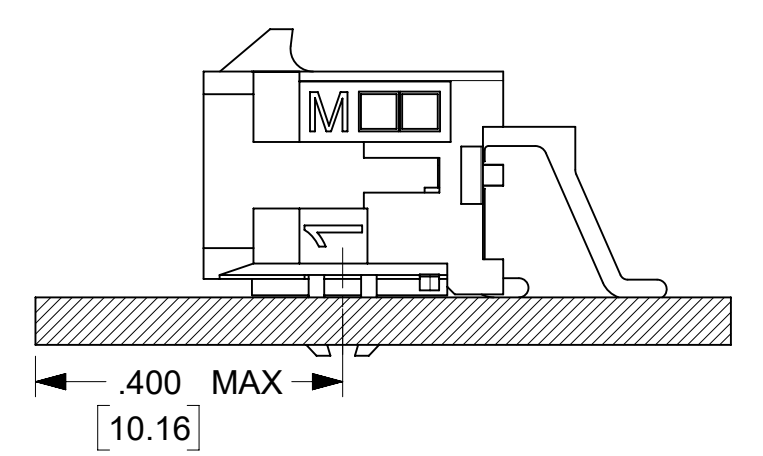
NOTE 10

- 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
  - TAPE AND REEL PACK: SEE MOLEX DRAWING 430450001-PK
  - MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43025
  - 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.
  - THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL MUST NOT EXCEED .006/0.15
  - 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 SPECIFICATIONS PS-45499-002.
  - TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
  - FOR BEST RETENTION TO PCB, HOLES FOR CLIPS SHOULD BE PTH AND CLIPS SHOULD BE SOLDERED.

CKTS	FINISH A	VOID CKT	FINISH B	FINISH B	FINISH D
	MATERIAL NO:		MATERIAL NO:	MATERIAL NO:	MATERIAL NO:
02	43045-0206		43045-0207	43045-0208	43045-0303
04	43045-0406		43045-0407	43045-0408	43045-0503
06	43045-0606		43045-0607	43045-0608	43045-0703
08	43045-0806		43045-0807	43045-0808	43045-0903
10	43045-1006		43045-1007	43045-1008	43045-1103
12	43045-1206		43045-1207	43045-1208	43045-1303
14	43045-1406		43045-1407	43045-1408	43045-1503
16	43045-1606		43045-1607	43045-1608	43045-1703
18	43045-1806		43045-1807	43045-1808	43045-1903
20	43045-2006		43045-2007	43045-2008	43045-2103
22	43045-2206		43045-2207	43045-2208	43045-2303
24	43045-2406		43045-2407	43045-2408	43045-2503
12	43045-9206	3, 4 9, 10			
16	43045-9606	4, 5 12, 13			



COPLANARITY DETAIL  
SEE NOTE #7



LOCATION DETAIL  
(SEE NOTE #9)

FUNCTIONAL DIMENSION SYMBOLS: FA=0, FC=0, FP=0

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SCALE: INCH/MM NTS

GENERAL TOLERANCES (UNLESS SPECIFIED):

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±

ANGULAR TOL: ± 0.5°

THIRD ANGLE PROJECTION

DRAWING: C-SIZE

SERIES: 43045

CURRENT REV DESC: REDRAWN, ADD NOTE 13

EC NO: 736143  
DRWN: SETHH6  
CHK'D: MKIPPER  
APPR: FSMITH

INITIAL REVISION:  
DRWN: CSLAFTER  
APPR: FSMITH

2022/12/14  
2023/01/24  
2023/01/26

2016/01/15  
2016/02/26

**molex**

MICRO FIT (3.0) RIGHT ANGLE SMT, CLIPS DUAL ROW HEADER

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: SD-43045-003  
DOC TYPE: PSD  
DOC PART: 000  
REVISION: G8

MATERIAL NUMBER: SEE CHART  
CUSTOMER: GENERAL MARKET  
SHEET NUMBER: 1 OF 1