

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

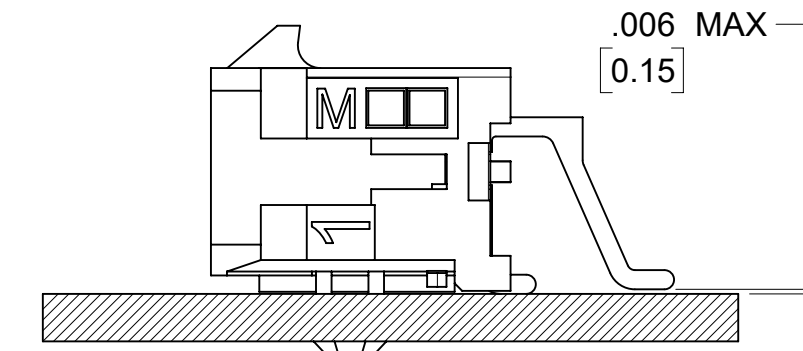
CIRCUIT "1" IDENTIFIED ON THIS SURFACE
(APPROX. LOCATION SHOWN FOR REF.)

NOTE 10

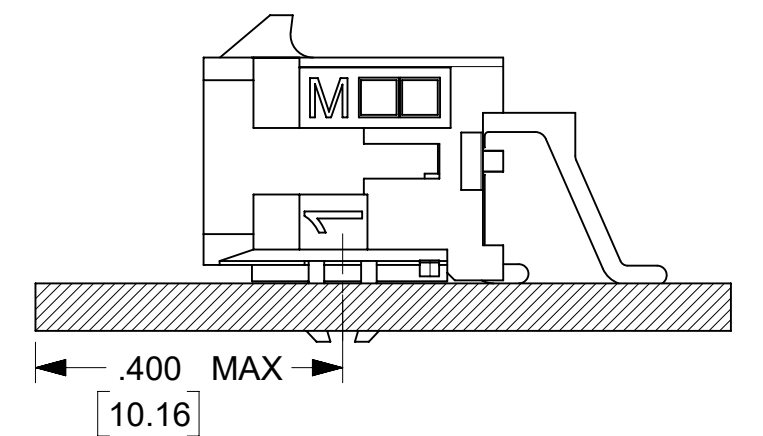
NOTES:

- 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:	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 SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: REDRAWN, ADD NOTE 13	
	DIMENSION UNITS	SCALE		
$\frac{F_A}{A} = 0$	INCH/MM	NTS		
$\frac{F_C}{C} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)			
$\frac{F_P}{P} = 0$		MM	INCH	
DIVISIONAL SYMBOLS	4 PLACES	±	±	
	3 PLACES	±	± 0.01	
	2 PLACES	±	± 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	2022/12/14	
		DRWN: SETHH6	2023/01/24	
		CHK'D: MKIPPER	2023/01/26	
		APPR: FSMITH		
		INITIAL REVISION:		
		DRWN: CSLAFTER	2016/01/15	
		APPR: FSMITH	2016/02/26	
		DOCUMENT NUMBER	DOC TYPE	DOC PART
		SD-43045-003	PSD	000
		MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
		SEE CHART	GENERAL MARKET	1 OF 1

molex

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

PRODUCT CUSTOMER DRAWING