

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

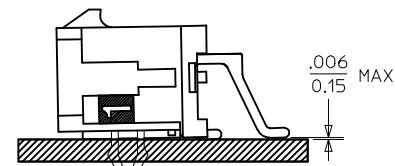
CIRCUIT "1" IDENTIFIED ON THIS SURFACE
(APPROX. LOCATION SHOWN FOR REF.)

NOTE 10

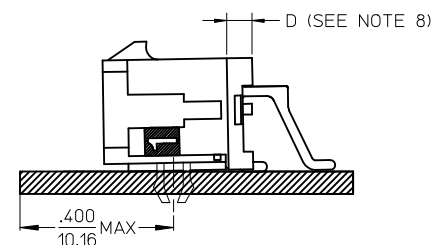
NOTES:

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL94V-0. COLOR: BLACK
TERMINAL MATERIAL: BRASS ALLOY
- FINISH: A = .000100/(0.00254) MIN. TIN OVER
.000050/(0.00127) MIN. NICKEL PLATE.
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 PK-70873-05**
- 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.
- THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

CKTS	FINISH A		VOID CKT	FINISH B		FINISH C		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)

ADD 43045-9606	2015/05/20	QUALITY SYMBOLS
EC NO: UCP2015-4913	2015/05/20	▽=0
DRWN:JDOX	2015/05/20	▽=0
CHKD:SSOUSEK	2015/08/31	▽=0
APPR:FSMLTH		
REV G4		

GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM	
mm	INCH	DRAWN BY	DATE
4 PLACES ± ---	± ---	SAMIEC	2000/03/15
3 PLACES ± ---	± .010	CHECKED BY	DATE
2 PLACES ± 0.25	± .014	MUELLER	2000/03/15
1 PLACE ± 0.36	± ---	APPROVED BY	DATE
0 PLACE ±	±	EDGLEY	2000/03/15
ANGULAR ±1/2°		MATERIAL NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
---	METRIC	
TITLE		
MICRO FIT (3.0) DUAL ROW RIGHT ANGLE SMT HEADER W/CLIPS ASS'Y		
molex		
DOCUMENT NO.	SHEET NO.	
SD-43045-003	1 OF 1	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

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	1.232 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