

Excellent Integrated System Limited

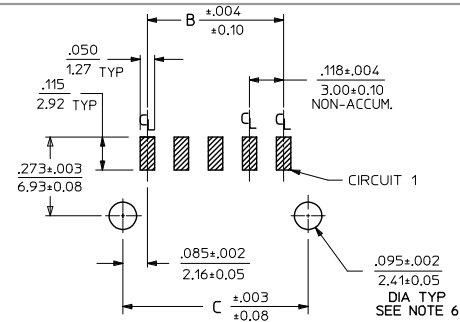
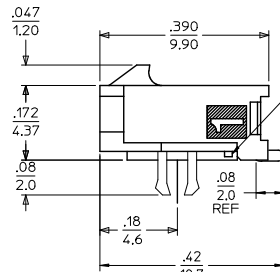
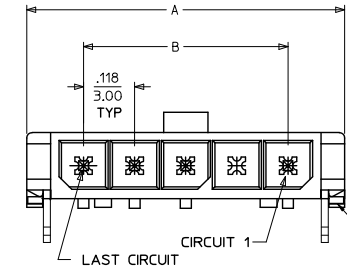
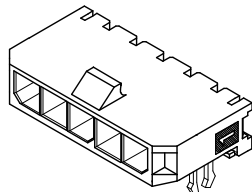
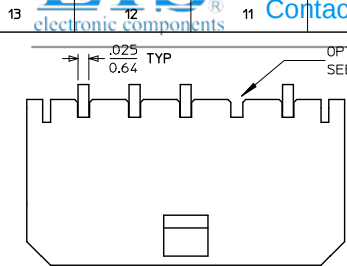
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

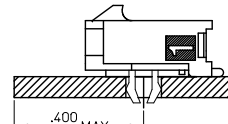
[Molex Connector Corporation](#)
[43650-1209](#)

For any questions, you can email us directly:

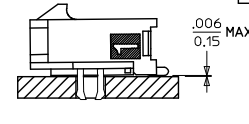
sales@integrated-circuit.com



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/157

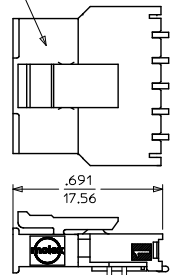


LOCATION DETAIL
SEE NOTE #8



COPLANARITY DETAIL
SEE NOTE #7

RECEPTACLE #43645



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
- TAPE AND REEL PACKAGED : SEE MOLEX DRAWING PK-70873-07**
- MATES WITH: RECEPTACLE NUMBER 43645
- TO MINIMIZE INSERTION FORCE ON MOUNTING CLIPS DURING ROBOTIC PLACEMENT, HOLE DIAMETER SPECIFICATIONS MUST BE INCREASED MAKING THEM MORE COMPATIBLE WITH PICK AND PLACE EQUIPMENT. HOLE DIAMETERS SHOULD BE INCREASED TO APPROXIMATELY .100 ± .002/(2.54 ± 0.05) AND 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 ANY TERMINAL MUST NOT EXCEED .006/0.15
- 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.
- PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

CKTS	FINISH A		FINISH B		FINISH C	
	MATERIAL NO:		MATERIAL NO:	VOID CKT	MATERIAL NO:	VOID CKT
02	43650-0209		43650-0210		43650-0211	
03	43650-0309		43650-0310		43650-0311	
04	43650-0409		43650-0410		43650-0411	
05	43650-0509		43650-0510		43650-0511	
06	43650-0609		43650-0610		43650-0611	
07	43650-0709		43650-0710		43650-0711	
08	43650-0809		43650-0810		43650-0811	
09	43650-0909		43650-0910		43650-0911	
10	43650-1009		43650-1010		43650-1011	
11	43650-1109		43650-1110		43650-1111	
12	43650-1209		43650-1210		43650-1211	
03					43650-1311	02
04			43650-1410	02		

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	IN/MM				
1	4 PLACES	±	±	±	SAMIEC	2000/07/07			
2	3 PLACES	±	±	±	CHECKED BY	DATE			
3	2 PLACES	±	±	±	MUELLER	2000/07/07			
4	1 PLACE	±	±	±	APPROVED BY	DATE			
5	0 PLACE	±	±	±	FSMITH	2016/03/18			
ANGULAR ±1/2°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DRAWN BY			DATE		TITLE		MICRO FIT (3.0) SINGLE ROW / RIGHT ANGLE SMT / CLIPS / REEL		
CHECKED BY			DATE		MATERIAL NO.		DOCUMENT NO.		
APPROVED BY			DATE		SD-43650-004		SHEET NO.		
DATE			2016/03/18		1 OF 1				