

## Excellent Integrated System Limited

Stocking Distributor

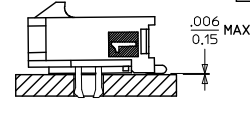
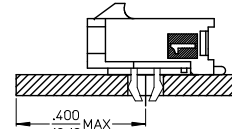
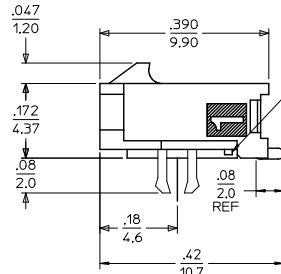
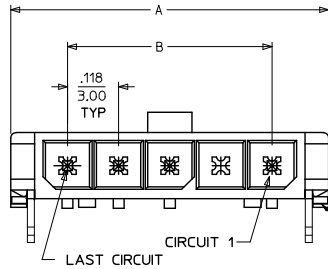
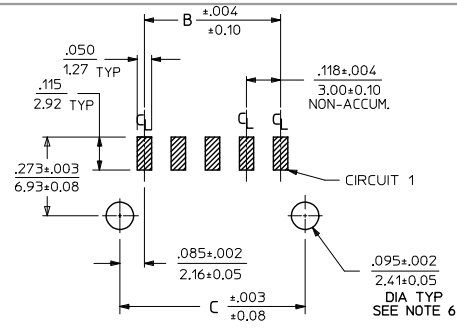
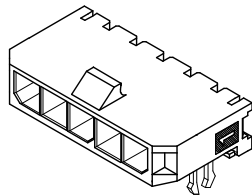
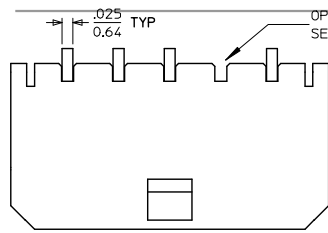
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[43650-1109](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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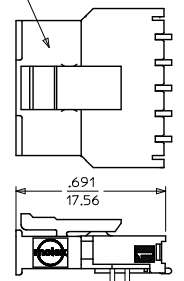


CKTS	DIM A	DIM B	DIM C
2	.380 9.65	.118 3.00	.287 7.30
3	.498 12.65	.236 6.00	.405 10.30
4	.616 15.65	.354 9.00	.524 13.30
5	.734 18.64	.472 12.00	.642 16.30
6	.852 21.64	.591 15.00	.760 19.30
7	.970 24.64	.709 18.00	.878 22.30
8	1.088 27.64	.827 21.00	.996 25.30
9	1.206 30.63	.945 24.00	1.114 28.30
10	1.325 33.66	1.063 27.00	1.232 31.30
11	1.443 36.65	1.181 30.00	1.350 34.30
12	1.561 39.65	1.299 33.00	1.469 37.30

- 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		

RECEPTACLE #43645



REVISE FINISH A EC NO: UCP2016-2946 DRW: BAPPELDORN 2016/01/28 CHKD: JDFOX 2016/01/28 APPR: SMITH 2016/03/18	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.010 2 PLACES ±0.25 ±.014 1 PLACE ±0.36 ±.--- 0 PLACE ±.--- ±.--- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM DRAWN BY DATE SAMIEC 2000/07/07 CHECKED BY DATE MUELLER 2000/07/07 APPROVED BY DATE F SMITH 2016/03/18	SCALE --- DESIGN UNITS METRIC	THIRD ANGLE PROJECTION MICRO FIT (3.0) SINGLE ROW / RIGHT ANGLE SMT / CLIPS / REEL		DOCUMENT NO. SD-43650-004	SHEET NO. 1 OF 1
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
		D4						
		REV						