

Excellent Integrated System Limited

Stocking Distributor

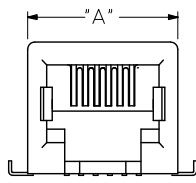
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[43743-6101](#)

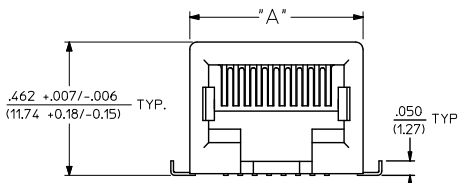
For any questions, you can email us directly:

sales@integrated-circuit.com

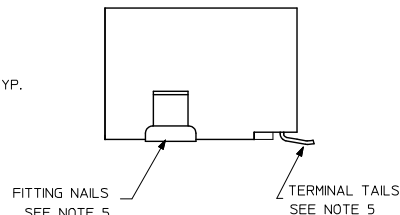
HOUSING SIZE	CIRCUIT SIZE	DIM. A	DIM. B
6	6	.520 (13.21)	.250 (6.35)
6	4	.520 (13.21)	.150 (3.81)
6	2	.520 (13.21)	.050 (1.27)
8	8	.600 (15.24)	.350 (8.89)
8	6	.600 (15.24)	.250 (6.35)



6 CIRCUIT ASSEMBLY

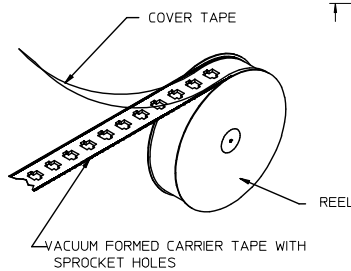


8 CIRCUIT ASSEMBLY

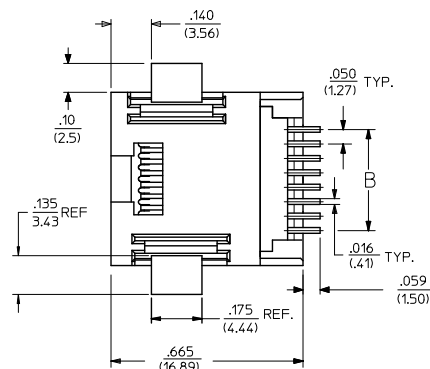


ASSEMBLY ITEM NO.	CONNECTOR SIZE	CIRCUIT SIZE	TERMINAL PLATING	TAPE & REEL PACKAGING No.	VOIDED CIRCUITS
43743-6001	6	6	A	PK-70873-7001	NA
43743-6002	6	6	B		
43743-6003	6	6	C		
43743-6101	6	4	A		
43743-6102	6	4	B		
43743-6103	6	4	C	PK-70873-7001	
43743-8101	8	8	A	PK-70873-7002	
43743-8102	8	8	B		
43743-8103	8	8	C		
43743-8201	8	6	A		
43743-8202	8	6	B		
43743-8203	8	6	C		
43743-8301	8	4	A		
43743-8302	8	4	B		
43743-8303	8	4	C	PK-70873-7002	
43743-6201	6	2	A	PK-70873-7001	
43743-6202	6	2	B	PK-70873-7001	
43743-6203	6	2	C	PK-70873-7001	NA

- NOTES:**
- MATERIAL:**
HOUSING & INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: BLACK
TERMINALS: PHOSPHOR BRONZE, .012/(0.30) THICK
FITTING NAILS: BRASS, .010/(0.25) THICK
 - FINISH:**
TERMINALS:
A = SELECT GOLD IN CONTACT AREA: .000050/(0.00127) MIN.
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MN.
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
B = SELECT GOLD IN CONTACT AREA: .000030/(0.00076) MIN.
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MN.
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
C = SELECT GOLD IN CONTACT AREA: .000015/(0.00038) MIN.
*SELECT MATTE TIN IN PC TAIL AREA: .000100/(0.00254) MN.
WITH OVERALL NICKEL UNDERPLATE: .000050/(0.00127) MIN.
FITTING NAILS:
*100 MICROINCHES MATTE TIN OVER 50 MICROINCHES NICKEL UNDERPLATE
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD
IN THE PC TAILS AND/OR FITTING NAILS.
 - PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:** PS-43743-0001.
 - PACKAGING SPECIFICATION:**
CONNECTOR ASSEMBLIES TO BE PACKAGED USING TAPE & REEL SYSTEM.
 - COPLANARITY SPECIFICATION:**
WHEN AN ASSEMBLY IS PLACED UPON A LEVEL SURFACE, THE MAXIMUM
GAP BETWEEN THE LEVEL SURFACE AND ALL TERMINAL TAILS AND
BOTH FITTING NAILS IS .006/(0.15).
 - FOR ASSEMBLIES HAVING VOIDED CIRCUITS, THE TAIL PORTION IS CUT
AND REMOVED. THE MATING PORTION OF THE TERMINAL REMAINS INTACT.
VOIDED CIRCUITS MUST BE THE SAME FOR BOTH PARTS.
 - CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.

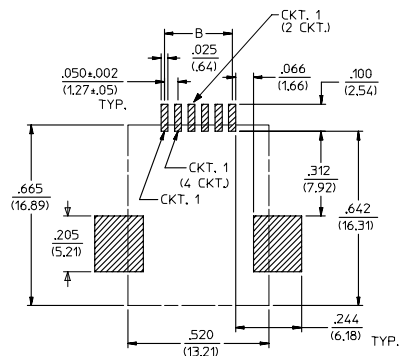


TAPE AND REEL PACKAGING

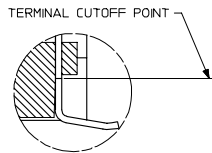


2	H
1	J3
SHT	REV

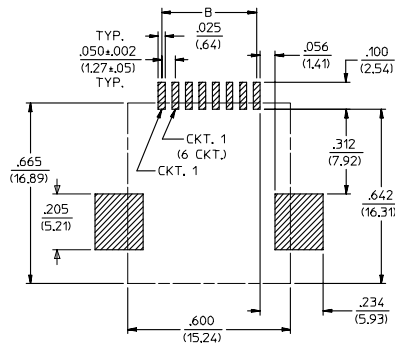
REVISED NOTES	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS INCH	TITLE	THIRD ANGLE PROJECTION	SHEET NO. 1 OF 2
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EC NO: UCP2009-1244	DRW: JACUSTE/ER/2008/12/10	▽=0	4 PLACES ±---	PEARSON	DATE 6/18/96		SURFACE MOUNT MODULAR JACK	MOLEX INCORPORATED	SDA-43743-****
DRW: JACUSTE/ER/2008/12/10	CHKD: BELL	▽=0	3 PLACES ±---	CHECKED BY	DATE				
APPR: SMITH	2008/12/10		2 PLACES ±0.25 ±.014	PEARSON	DATE 6/18/96				
			1 PLACE ±0.36 ±---	APPROVED BY	DATE 6/18/96				
			ANGULAR ±1/2°	EDGLEY					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE CHARTS	DOCUMENT NO.			
				SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



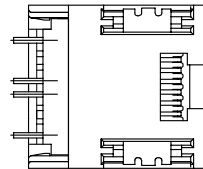
PC BOARD LAYOUT FOR
6 POSITION HOUSING
(COMPONENT SIDE OF BOARD)



VIEW SHOWING TYPICAL TERMINAL
CUTOFF OF TAIL (SEE NOTE 5) FOR VOIDED CIRCUITS.



PC BOARD LAYOUT FOR
8 POSITION HOUSING
(COMPONENT SIDE OF BOARD)



TYPICAL VIEW SHOWING VOIDED CIRCUIT
(CIRCUITS 2,3,6 & 7 SHOWN VOIDED)

SEE SHEET ONE EC NO. UCP2004-0798 DRAWN: SCHMIDT 2004/0105 CHECKED: SCHMIDT 2004/0105 APPROVED: SMITH 2004/0108	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
	▽ 0	▽ 0	mm INCH		DIMENSION STYLE		TITLE		SURFACE MOUNT MODULAR JACK	
			4 PLACES ±.0005 ±.0005		IN/MM		DRAWN BY DATE			
			3 PLACES ±.001 ±.010		PEARSON 06/18/96		CHECKED BY DATE			
			2 PLACES ±.025 ±.014		PEARSON 06/18/96		MOLEX MOLEX INCORPORATED			
			1 PLACE ±.036 ±.010		EDGLEY 06/18/96		SEE TABLE SDA-43743-****			
	ANGULAR ±1/2°		APPROVED BY DATE		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE		EDGLEY 06/18/96		SEE TABLE SDA-43743-****		2 OF 2		C	
	MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							