

Excellent Integrated System Limited

Stocking Distributor

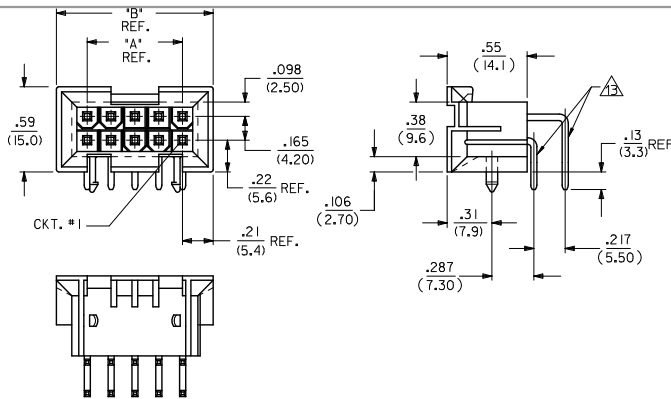
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[15-24-6100](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

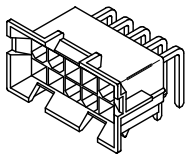
CIRCUIT SIZE	DIM. 'A'	DIM. 'B'
6	.331 (8.40)	.76 (19.2)
8	.496 (12.60)	.92 (23.4)
10	.661 (16.80)	1.09 (27.6)
12	.827 (21.00)	1.25 (31.8)
14	.992 (25.20)	1.42 (36.0)
16	1.157 (29.40)	1.58 (40.2)
18	1.323 (33.60)	1.75 (44.4)
20	1.488 (37.80)	1.91 (48.6)
22	1.654 (42.00)	2.08 (52.8)
24	1.819 (46.20)	2.24 (57.0)



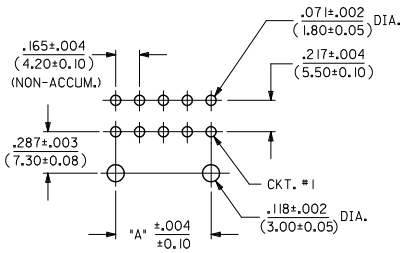
NOTES:

- 1) MATERIAL: HOUSING: 'A' = NYLON 6/6, U.L. 94V-2, COLOR: NATURAL. 'B' = NYLON 6/6, U.L. 94V-0, COLOR: NATURAL. TERMINAL: BRASS ALLOY
- 2) TERMINAL PLATING:
1 = .000100/(.00254) MIN. MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
5 = .000030/(.00076) MIN. SELECT GOLD AND .000100/(.00254) MIN. SELECT MATTE TIN OVER .000050/(.00127) MIN. NICKEL OVERALL.
- 3) PRODUCT SPECIFICATION: PS-5556-002
- 4) PACKAGING SPECIFICATION: PK-42404-002.
- 5) 4-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLES #5557, #42385, #44516 AND #42474. 2 CKT. PART MATES WITH #42385, #44516 AND #42474 ONLY.
- 6) PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH MATING RECEPTACLE IN ANY DIRECTION. SEE MATING CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 8) A MAXIMUM TOLERANCE OF .050/(1.27) ALLOWS FOR 2 POINTS OF ELECTRICAL CONTACT. A MAXIMUM TOLERANCE OF .020/(.51) ALLOWS FOR 4 POINTS OF CONTACT.
- 9) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.
- 10) PART IS NOT DESIGNED FOR CURRENT SHARING.
- 11) PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
- 12) PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

FORMING MARKS ARE ACCEPTABLE.



A-42404-****



RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE

LEGEND:

A-42404-****

BASE NUMBER:

CKT. SIZE:

HOUSING MAT'L:

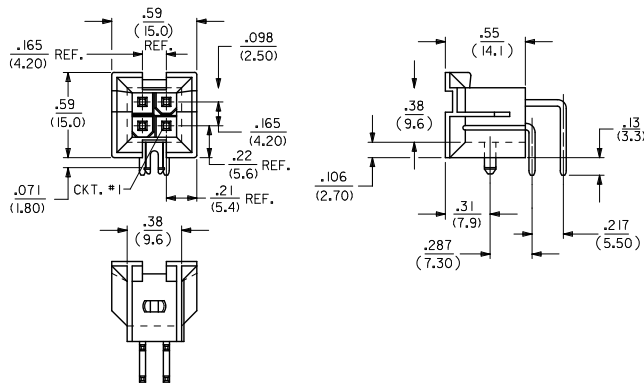
(SEE NOTE 1)

TERMINAL PLATING:

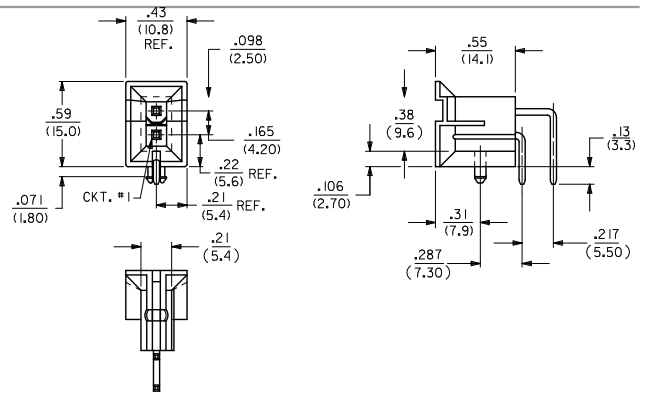
(SEE NOTE 2)

..B2, ..B4	42474-..21, 5556-PBGS*P	94V-0	PHOS. BRZ.	GOLD
..A2, ..A4	42474-..11, 5556-PBGS*P	94V-2		
..B1, ..B3	42474-..21, 5556-PBS*P	94V-0		
..A1, ..A3	42474-..11, 5556-PBS*P	94V-2	BRASS	GOLD
..B2, ..B4	42474-..21, 5556-GS*P	94V-0		
..A2, ..A4	42474-..11, 5556-GS*P	94V-2		
..B1, ..B3	42474-..21, 5556-S*P	94V-0	PHOS. BRZ.	TIN
..A1, ..A3	42474-..11, 5556-S*P	94V-2		
..B2, ..B4	A-42385-..D2	94V-0		
..A2, ..A4	A-42385-..C2	94V-2	BRASS	GOLD
..B1, ..B3	A-42385-..D1	94V-0		
..A1, ..A3	A-42385-..C1	94V-2		
..B2, ..B4	A-42385-..B2	94V-0	BRASS	TIN
..A2, ..A4	A-42385-..A2	94V-2		
..B1, ..B3	A-42385-..B1	94V-0		
..A1, ..A3	A-42385-..A1	94V-2		
R.A. HEADER	A-42404	HSG. MAT'L.	TERM. MAT'L.	PLATING
MATING CONNECTOR		MATING CONNECTOR FEATURES		

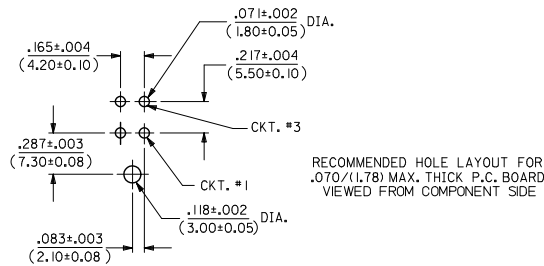
UPDATE NOTE 5 EC NO: UCP2012-2990 DRAWING CHKD: JELL 2012/03/12 APPROVED 2012/05/04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
			IN/MM			METRIC		
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ±---	±---	RJK	2/17/89	MINI-FIT JR. 2-24 CKT		
	▽=0	3 PLACES ±---	±.010	CHECKED BY	DATE	RIGHT ANGLE HEADER ASSY		
		2 PLACES ±0.25	±.015	RJF	2/17/89	(BLIND MATE)		
		1 PLACE ±0.38	±---	APPROVED BY	DATE			
		ANGULAR ±1/2°		FSMITH	2011/11/01	MOLEX INCORPORATED		
				MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
				SEE SHEET 3		SDA-42404-****	1 OF 3	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



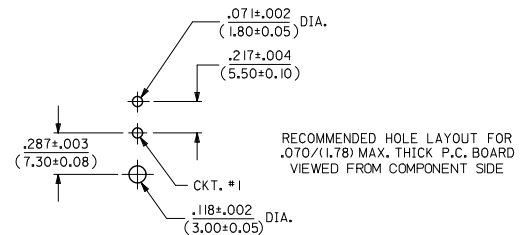
A-42404-04**



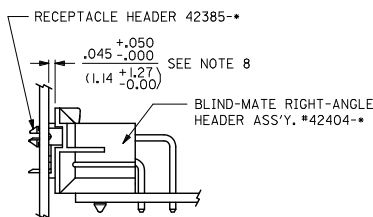
A-42404-02**



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE



RECOMMENDED HOLE LAYOUT FOR
.070/(1.78) MAX. THICK P.C. BOARD
VIEWED FROM COMPONENT SIDE



PANEL-TO-P.C. BOARD

SEE RECEPTACLE DRAWINGS FOR
ADDITIONAL MATING CONFIGURATIONS

SEE SHEET 1	EC NO: UCP2022-2990	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)
				IN/MM							
	2027/03/12			mm	INCH	DRAWN BY	DATE				
	2027/03/12			± .010	± .010	RWK	2/7/89				
	2027/03/12			± .015	± .015	RJF	2/7/89				
	2027/03/12			± .038	± .038	APPROVED BY	DATE				
	2027/03/12			ANGULAR ±1/2°	ANGULAR ±1/2°	FSM1TH	2011/11/01				MOLEX INCORPORATED
	2027/03/12			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
	2027/03/12					SEE SHEET 3		SDA-42404-****		2 OF 3	
	2027/03/12					SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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Rev. F 2009/06/18