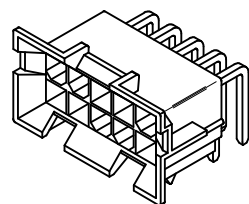
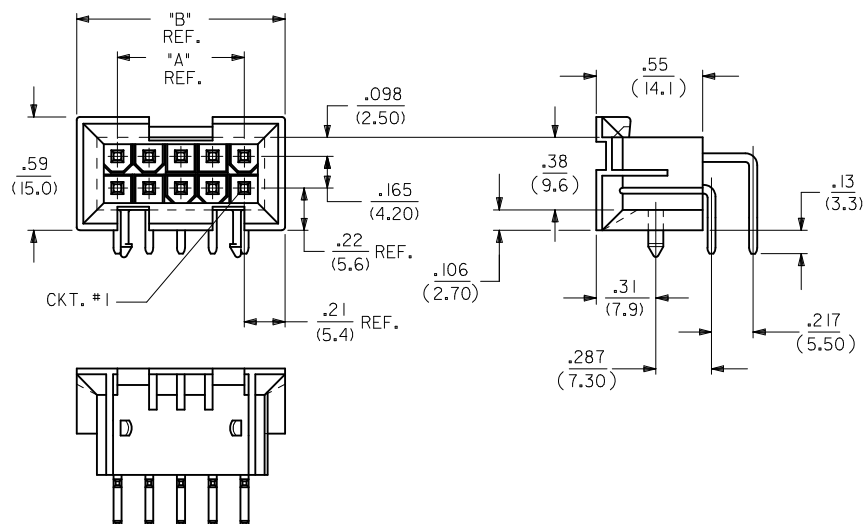
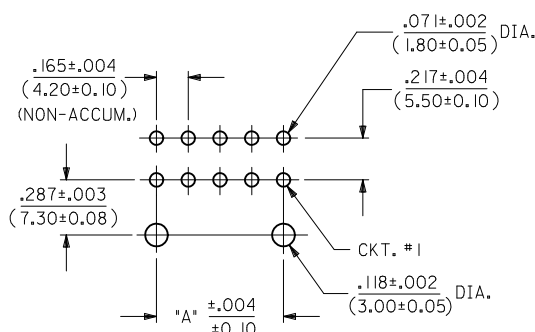


13		12	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	
6	$\frac{.331}{(8.40)}$	$\frac{.76}{(19.2)}$	
8	$\frac{.496}{(12.60)}$	$\frac{.92}{(23.4)}$	
10	$\frac{.661}{(16.80)}$	$\frac{1.09}{(27.6)}$	
12	$\frac{.827}{(21.00)}$	$\frac{1.25}{(31.8)}$	
14	$\frac{.992}{(25.20)}$	$\frac{1.42}{(36.0)}$	
16	$\frac{1.157}{(29.40)}$	$\frac{1.58}{(40.2)}$	
18	$\frac{1.323}{(33.60)}$	$\frac{1.75}{(44.4)}$	
20	$\frac{1.488}{(37.80)}$	$\frac{1.91}{(48.6)}$	
22	$\frac{1.654}{(42.00)}$	$\frac{2.08}{(52.8)}$	
24	$\frac{1.819}{(46.20)}$	$\frac{2.24}{(57.0)}$	



A-42404-****



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

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

LEGEND:

A-42404-*****

BASE NUMBER:

CKT. SIZE:
(02-24)

HOUSING MAT'L:
(SEE NOTE 1)

TERMINAL PLATING:
(SEE NOTE 2)

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 260.
- 2) TERMINAL PLATING:
- 1 = .000100/(.00254) MIN. BRIGHT TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
 - 2 = .000030/(.00076) MIN. GOLD OVER
.000050/(.00127) MIN. NICKEL OVERALL.
 - *3 = .000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
 - 5 = .000030/(.00076) MIN. GOLD AND
.000100/(.00254) MIN. MATTE TIN OVER
.000050/(.00127) MIN. NICKEL OVERALL.
- *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 PLATING.
- 3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:
SEE PS-5556-002
- 4) PACKAGING SPECIFICATION: PK-42404-002.
- 5) 4-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLES
*5557, *42385 AND *42474, 2 CKT. PART MATES WITH
*42385 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."

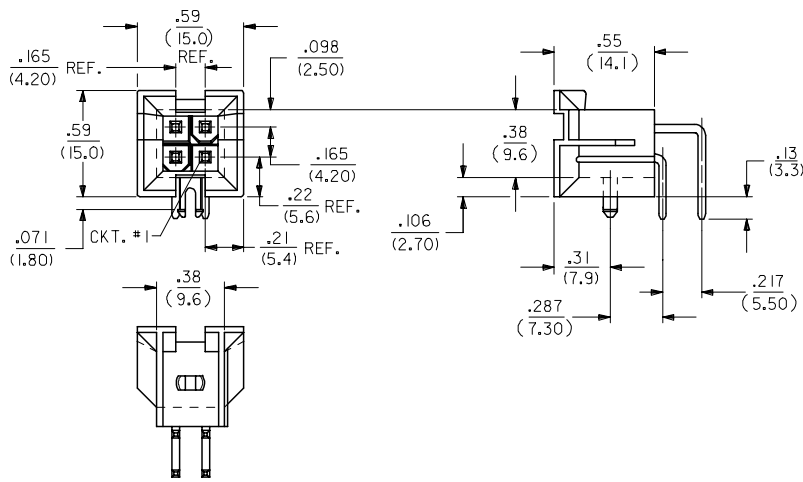
4	R
3	R2
2	R
1	R2
SHT	REV

REVISE NOTES EC NO: UCP2010-0864 DWGN: JAGUILAR CHKO: JABELL APPR: FSMITH 2010/01/18 2010/01/16 2010/03/16	DESCRIPTION R2	REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY RWK	DATE 2/7/89	TITLE MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)				
				4 PLACES ± --- ± ---			CHECKED BY RJF	DATE 2/7/89					
				3 PLACES ± --- ± .010			APPROVED BY FSMITH	DATE 2010/03/16	 MOLEX INCORPORATED				
				2 PLACES ± 0.25 ± .015			MATERIAL NO.		DOCUMENT NO.			SHEET NO.	
				1 PLACE ± 0.38 ± ---			SEE SHTS 3&4		SDA-42404-****		1 OF 4		
				ANGULAR ±1/2°			SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

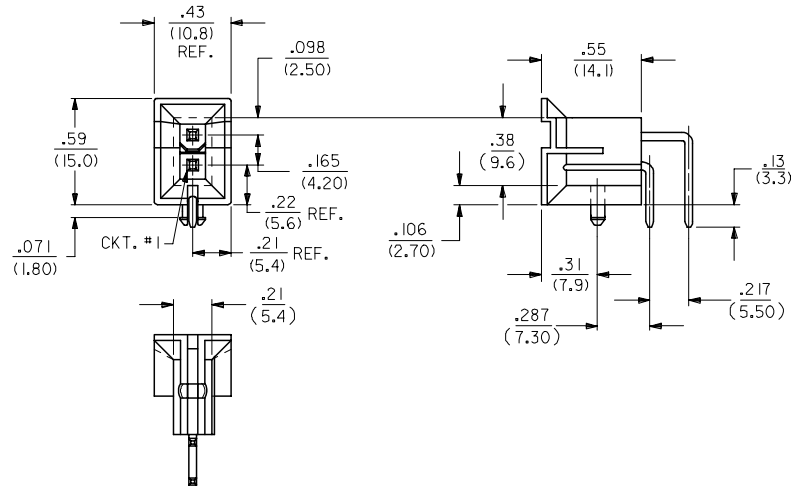
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J
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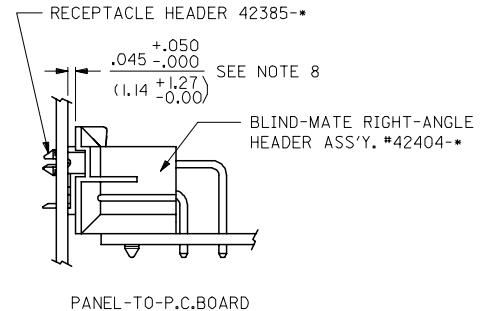
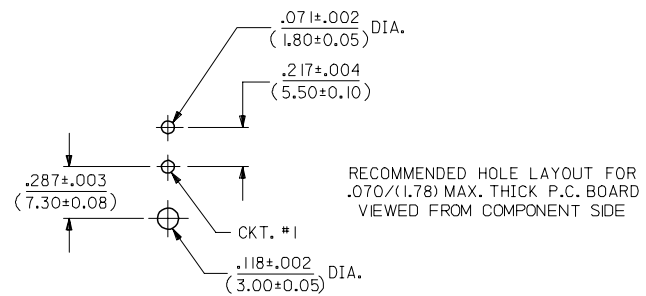
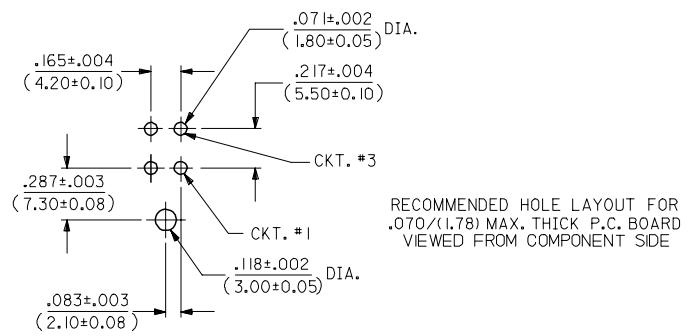
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A-42404-04**



A-42404-02**



SEE SHEET 1 EC NO: UCP2006-1780 DRW:ADRA1NOL 2006/02/03 CHKD:GOLGAR 2006/02/03 APPR:ICOMERCJ 2006/02/06 REV	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY RWK	DATE 1989/02/07	TITLE MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)		
			4 PLACES	± ---	± ---	CHECKED BY RJF	DATE 1989/02/07			
			3 PLACES	± ---	± .01					
			2 PLACES	± 0.25	± .015					
			1 PLACE	± 0.38	± ---	APPROVED BY RAS	DATE 1989/02/07	 MOLEX INCORPORATED		
			ANGULAR ±1/2°			MATERIAL NO.		DOCUMENT NO.		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHTS 3&4		SDA-42404-****			2 OF 4		
SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

tb_frame_C_P_ME_T
Rev. D 2004/04/02