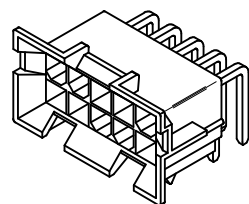
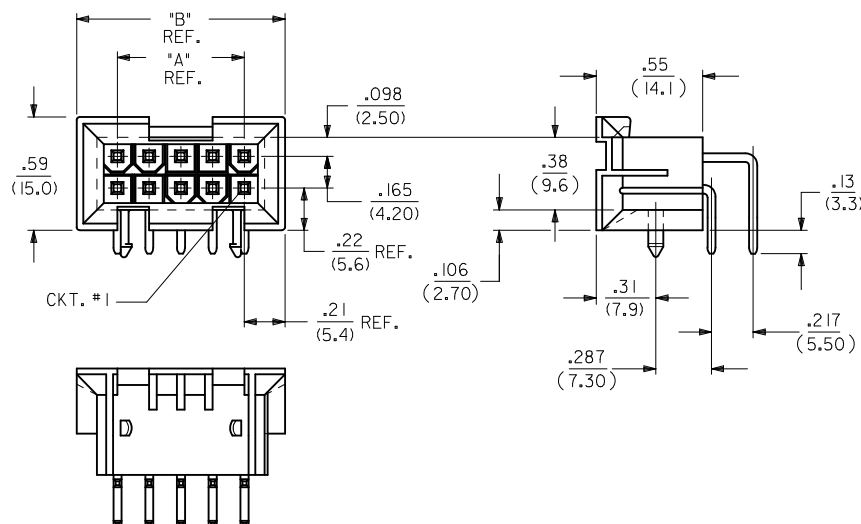
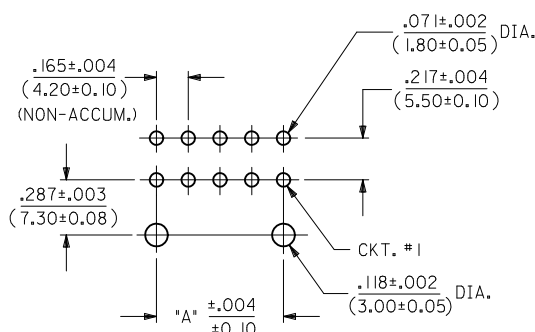


13		12	
CIRCUIT SIZE	DIM. "A"	DIM. "B"	
6	$\frac{.331}{(8.40)}$	$\frac{.76}{(19.2)}$	
8	$\frac{.496}{(12.60)}$	$\frac{.92}{(23.4)}$	
10	$\frac{.661}{(16.80)}$	$\frac{1.09}{(27.6)}$	
12	$\frac{.827}{(21.00)}$	$\frac{1.25}{(31.8)}$	
14	$\frac{.992}{(25.20)}$	$\frac{1.42}{(36.0)}$	
16	$\frac{1.157}{(29.40)}$	$\frac{1.58}{(40.2)}$	
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:

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."

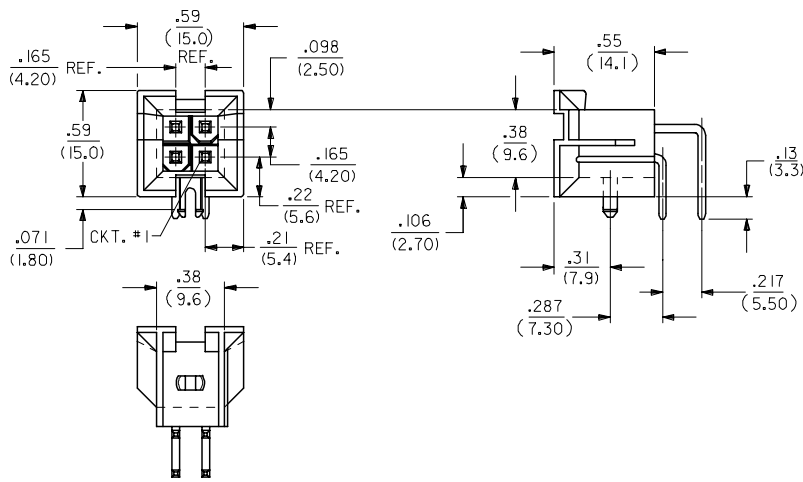
4	R
3	R2
2	R
1	R2
SHT	REV

REVISE NOTES EC NO: UCP2010-0864 DWGN: JAGUILAR 2010/01/18 CHKD: IBELL 2010/01/06 APPR: FSMITH 2010/03/16	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± .010</td></tr><tr><td>2 PLACES</td><td>± 0.25</td><td>± .015</td></tr><tr><td>1 PLACE</td><td>± 0.38</td><td>± ---</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± .010	2 PLACES	± 0.25	± .015	1 PLACE	± 0.38	± ---	DIMENSION STYLE IN/MM	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH																
				4 PLACES	± ---	± ---																
				3 PLACES	± ---	± .010																
2 PLACES	± 0.25	± .015																				
1 PLACE	± 0.38	± ---																				
DRAWN BY RWK	DATE 2/7/89	TITLE MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)																				
CHECKED BY RJF	DATE 2/7/89																					
APPROVED BY FSMITH	DATE 2010/03/16																					
MATERIAL NO. SEE SHTS 3&4	DOCUMENT NO. SDA-42404-****					SHEET NO. 1 OF 4																
SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

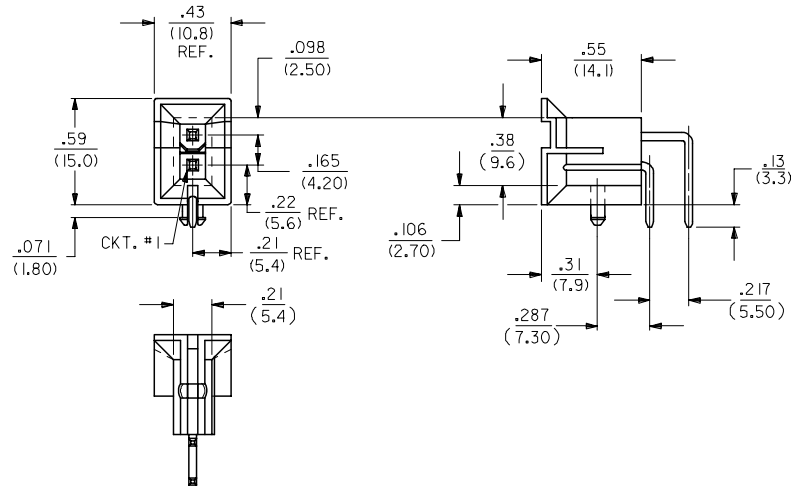
13 12 11 10 9 8 7 6 5 4 3 2 1

J
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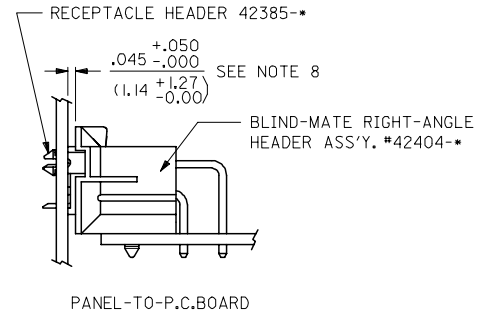
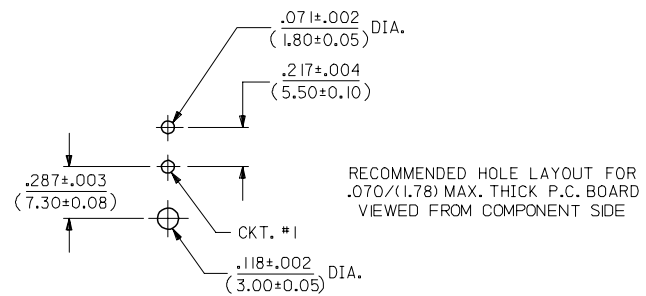
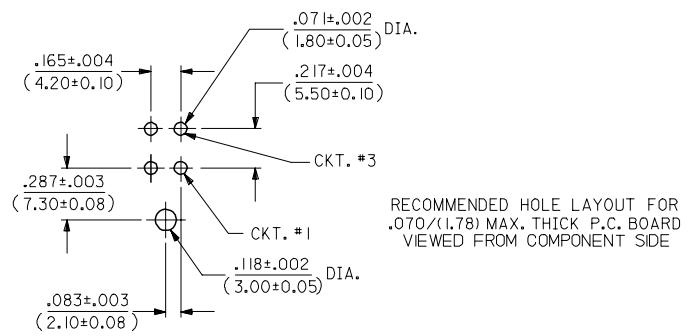
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A-42404-04**



A-42404-02**



SEE SHEET 1 EC NO: UCP2006-1780 DRWN:ADRA1NOL 2006/02/03 CHKD:GPOLGAR 2006/02/03 APPR: ICOMERCJ 2006/02/06 REV	QUALITY SYMBOLS ▽=0 ▽=0	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 RKF	DATE 1989/02/07		
		3 PLACES	± ---	± .01	APPROVED BY RAS	DATE 1989/02/07		
		2 PLACES	± 0.25	± .015	MOLEX MOLEX INCORPORATED			
		1 PLACE	± 0.38	± ---				
		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO. 2 OF 4		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHTS 3&4 SDA-42404-****				
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

12 11 10 9 8 7 6 5 4 3 2 1

REMOVE PLATE CODE
EC NO: UCP2010-0864
DRWN:JAGUILAR 2010/01/18
CHKD:JBELL 2010/01/06
APPR:FSMITH 2010/03/16
R2

REVDESCRIPTION

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY	DATE
RWK	1989/02/08
CHECKED BY	DATE
RJF	1989/02/08
APPROVED BY	DATE
FSMITH	2010/03/16

MATERIAL NO.

SEE CHARTS

SIZE

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
MINI-FIT JR. 2-24 CKT
RIGHT ANGLE HEADER ASSY
(BLIND MATE)

MOLEX INCORPORATED

DOCUMENT NO.
SDA-42404-****

SHEET NO.
3 OF 4

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

C	D	E	F	G	H	I	J		
PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)	PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)
NOT TOOLED	A-42404-02A1	2	94V-2	BRIGHT TIN OVER NICKEL	NOT TOOLED	A-42404-02A3	2	94V-2	MATTE TIN OVER NICKEL
I5-24-6040	-04A1	4			NOT TOOLED	-04A3	4		
I5-24-6060	-06A1	6			NOT TOOLED	-06A3	6		
NOT TOOLED	-08A1	8			NOT TOOLED	-08A3	8		
I5-24-6100	-10A1	10			NOT TOOLED	-10A3	10		
NOT TOOLED	-12A1	12			NOT TOOLED	-12A3	12		
I5-24-6140	-14A1	14			NOT TOOLED	-14A3	14		
NOT TOOLED	-16A1	16			NOT TOOLED	-16A3	16		
I5-24-6180	-18A1	18			NOT TOOLED	-18A3	18		
NOT TOOLED	-20A1	20			NOT TOOLED	-20A3	20		
NOT TOOLED	-22A1	22			NOT TOOLED	-22A3	22		
I5-24-6240	A-42404-24A1	24	94V-2	BRIGHT TIN OVER NICKEL	NOT TOOLED	A-42404-24A3	24	94V-2	MATTE TIN OVER NICKEL
NOT TOOLED									
NOT TOOLED	A-42404-02A2	2	94V-2	30 M.I. GOLD					
I5-24-9043	-04A2	4							
I5-24-9063	-06A2	6							
NOT TOOLED	-08A2	8							
I5-24-9103	-10A2	10							
NOT TOOLED	-12A2	12							
I5-24-9143	-14A2	14							
NOT TOOLED	-16A2	16							
I5-24-9183	-18A2	18							
NOT TOOLED	-20A2	20							
NOT TOOLED	-22A2	22							
I5-24-9243	A-42404-24A2	24	94V-2	30 M.I. GOLD					
NOT TOOLED									
NOT TOOLED	A-42404-02B1	2	94V-0	BRIGHT TIN OVER NICKEL					
I5-24-9044	-04B1	4							
I5-24-9064	-06B1	6							
NOT TOOLED	-08B1	8							
I5-24-9104	-10B1	10							
NOT TOOLED	-12B1	12							
I5-24-9144	-14B1	14							
I5-24-9164	-16B1	16							
I5-24-9184	-18B1	18							
NOT TOOLED	-20B1	20							
NOT TOOLED	-22B1	22							
I5-24-9244	A-42404-24B1	24	94V-0	BRIGHT TIN OVER NICKEL					
NOT TOOLED									
NOT TOOLED	A-42404-02B2	2	94V-0	30 M.I. GOLD					
I5-24-9045	-04B2	4							
I5-24-9065	-06B2	6							
NOT TOOLED	-08B2	8							
I5-24-9105	-10B2	10							
NOT TOOLED	-12B2	12							
I5-24-9145	-14B2	14							
I5-24-9165	-16B2	16							
I5-24-9185	-18B2	18							
NOT TOOLED	-20B2	20							
NOT TOOLED	-22B2	22							
I5-24-9245	A-42404-24B2	24	94V-0	30 M.I. GOLD					

C	D	E	F	G	H	I	J		
PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)	PART NUMBER	ENG. NUMBER	CKT. SIZE	HOUSING MATERIAL	PLATING (NOTE 5)
NOT TOOLED	A-42404-02A1	2	94V-2	BRIGHT TIN OVER NICKEL	NOT TOOLED	A-42404-02A3	2	94V-2	MATTE TIN OVER NICKEL
I5-24-6040	-04A1	4			NOT TOOLED	-04A3	4		
I5-24-6060	-06A1	6			NOT TOOLED	-06A3	6		
NOT TOOLED	-08A1	8			NOT TOOLED	-08A3	8		
I5-24-6100	-10A1	10			NOT TOOLED	-10A3	10		
NOT TOOLED	-12A1	12			NOT TOOLED	-12A3	12		
I5-24-6140	-14A1	14			NOT TOOLED	-14A3	14		
NOT TOOLED	-16A1	16			NOT TOOLED	-16A3	16		
I5-24-6180	-18A1	18			NOT TOOLED	-18A3	18		
NOT TOOLED	-20A1	20			NOT TOOLED	-20A3	20		
NOT TOOLED	-22A1	22			NOT TOOLED	-22A3	22		
I5-24-6240	A-42404-24A1	24	94V-2	BRIGHT TIN OVER NICKEL	NOT TOOLED	A-42404-24A3	24	94V-2	MATTE TIN OVER NICKEL
NOT TOOLED									
NOT TOOLED	A-42404-02A2	2	94V-2	30 M.I. GOLD					
I5-24-9043	-04A2	4							
I5-24-9063	-06A2	6							
NOT TOOLED	-08A2	8							
I5-24-9103	-10A2	10							
NOT TOOLED	-12A2	12							
I5-24-9143	-14A2	14							
NOT TOOLED	-16A2	16							
I5-24-9183	-18A2	18							
NOT TOOLED	-20A2	20							
NOT TOOLED	-22A2	22							
I5-24-9243	A-42404-24A2	24	94V-2	30 M.I. GOLD					
NOT TOOLED									
NOT TOOLED	A-42404-02B1	2	94V-0	BRIGHT TIN OVER NICKEL					
I5-24-9044	-04B1	4							
I5-24-9064	-06B1	6							
NOT TOOLED	-08B1	8							
I5-24-9104	-10B1	10							
NOT TOOLED	-12B1	12							
I5-24-9144	-14B1	14							
I5-24-9164	-16B1	16							
I5-24-9184	-18B1	18							
NOT TOOLED	-20B1	20							
NOT TOOLED	-22B1	22							
I5-24-9244	A-42404-24B1	24	94V-0	BRIGHT TIN OVER NICKEL					
NOT TOOLED									
NOT TOOLED	A-42404-02B2	2	94V-0	30 M.I. GOLD					
I5-24-9045	-04B2	4							
I5-24-9065	-06B2	6							
NOT TOOLED	-08B2	8							
I5-24-9105	-10B2	10							
NOT TOOLED	-12B2	12							
I5-24-9145	-14B2	14							
I5-24-9165	-16B2	16							
I5-24-9185	-18B2	18							
NOT TOOLED	-20B2	20							
NOT TOOLED	-22B2	22							
I5-24-9245	A-42404-24B2	24	94V-0	30 M.I. GOLD					