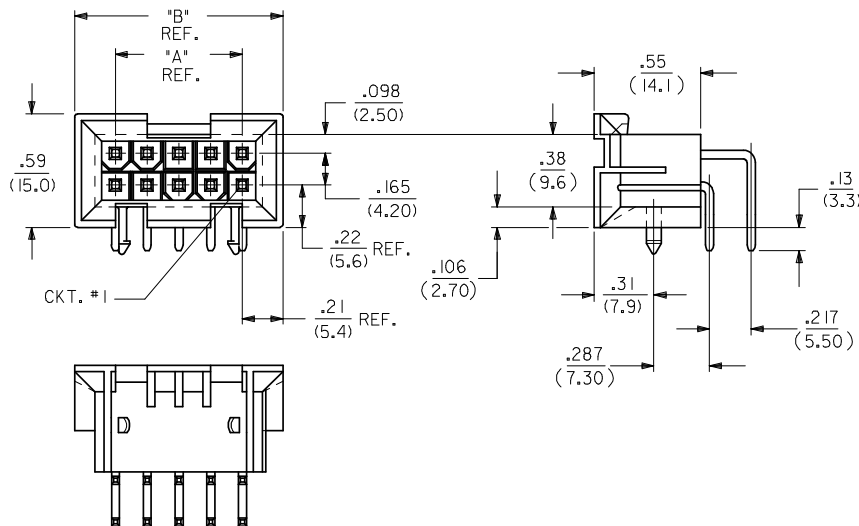
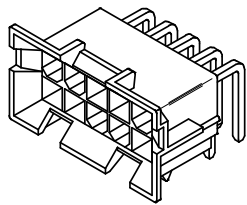


CIRCUIT SIZE	DIM. "A"	DIM. "B"
6	.331 (8.40)	.76 (19.2)
8	.496 (12.60)	.92 (23.4)
10	.661 (16.80)	1.09 (27.6)
12	.827 (21.00)	1.25 (31.8)
14	.992 (25.20)	1.42 (36.0)
16	1.157 (29.40)	1.58 (40.2)
18	1.323 (33.60)	1.75 (44.4)
20	1.488 (37.80)	1.91 (48.6)
22	1.654 (42.00)	2.08 (52.8)
24	1.819 (46.20)	2.24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

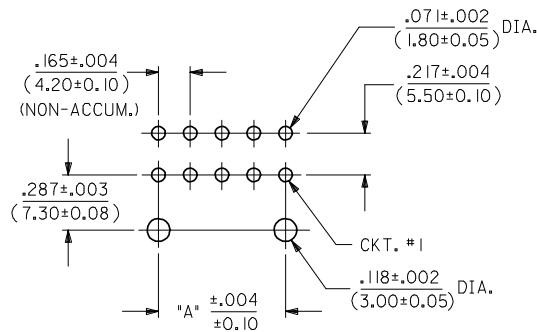


NOTES:

- 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.
- 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.
4 = .000050/(.00127) MIN. GOLD 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.
- PRODUCT SPECIFICATION AND PROCESSING PARAMETERS:
SEE PS-5556-002
- PACKAGING SPECIFICATION: PK-42404-002.
- 4-24 CKT. PARTS MATE WITH MINI-FIT JR. RECEPTACLES
*5557, *42385 AND *42474. 2 CKT. PART MATES WITH
*42385 AND *42474 ONLY.
- PART ALLOWS FOR UP TO .100/(2.54) MISALIGNMENT WITH
MATING RECEPTACLE IN ANY DIRECTION. SEE MATING
CONNECTOR DRAWINGS FOR SPECIFIC ALLOWANCES.
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED
OR UNMATED WHILE CIRCUITS ARE LIVE.
- 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.
- 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.
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- PART IS NOT INTENDED TO PROVIDE ANY ALIGNMENT OF CUSTOMER
COMPONENTS OR MODULES, SUCH AS POWER SUPPLIES AND CHASSIS.
- PARTS CONFORM TO CLASS "B" REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002."



A-42404-****



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

LEGEND:

BASE NUMBER: A-42404-****
CKT. SIZE: (02-24)
HOUSING MAT'L: (SEE NOTE 1)
TERMINAL PLATING: (SEE NOTE 2)

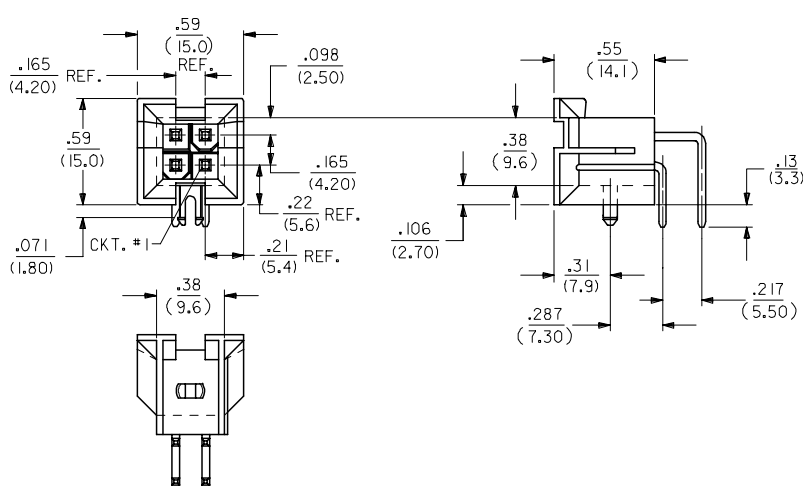
B2, ***B4	42474-2I, 5556-PBGS*P	94V-0	PHOS. BRZ.	GOLD
A2, ***A4	42474-1I, 5556-PBGS*P	94V-2		
B1, ***B3	42474-2I, 5556-PBS*P	94V-0		
A1, ***A3	42474-1I, 5556-PBS*P	94V-2	BRASS	TIN
B2, ***B4	42474-2I, 5556-GS*P	94V-0		
A2, ***A4	42474-1I, 5556-GS*P	94V-2		
B1, ***B3	42474-2I, 5556-S*P	94V-0	PHOS. BRZ.	GOLD
A1, ***A3	42474-1I, 5556-S*P	94V-2		
B2, ***B4	A-42385-D2	94V-0		
A2, ***A4	A-42385-C2	94V-2	BRASS	TIN
B1, ***B3	A-42385-D1	94V-0		
A1, ***A3	A-42385-C1	94V-2		
B2, ***B4	A-42385-B2	94V-0	PHOS. BRZ.	GOLD
A2, ***A4	A-42385-A2	94V-2		
B1, ***B3	A-42385-B1	94V-0		
A1, ***A3	A-42385-A1	94V-2	BRASS	TIN
R.A. HEADER	MATING CONNECTOR	HSG. MAT'L, TERM. MAT'L, PLATING		
A-42404		MATING CONNECTOR FEATURES		

REVISE NOTES EC NO: UCP2008-3019 DRAWING: ILL CHKD: JELL APPR: FSM/TH R1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± .025 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE IN/MM		SCALE 2:1	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. 1 OF 4	
			DRAWN BY DATE RWK 2/7/89		MATERIAL NO.				
			CHECKED BY DATE RJF 2/7/89		SIZE C				
			APPROVED BY DATE RAS 2/7/89		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

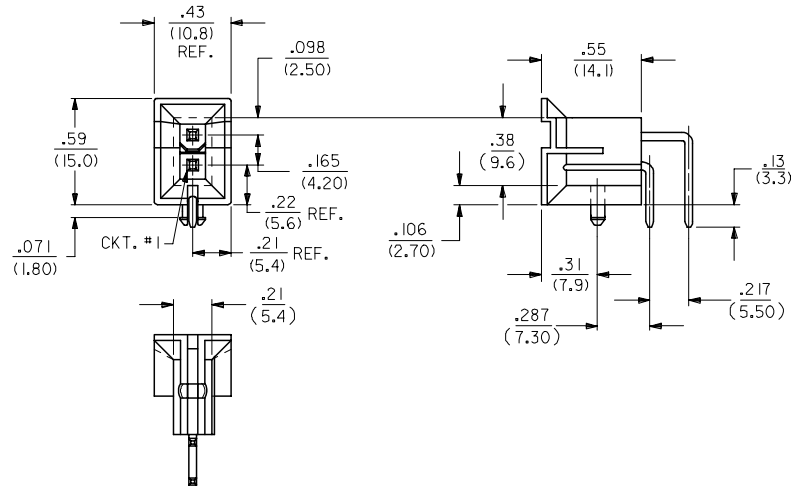
13 12 11 10 9 8 7 6 5 4 3 2 1

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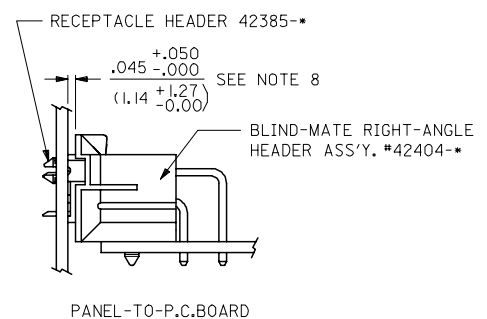
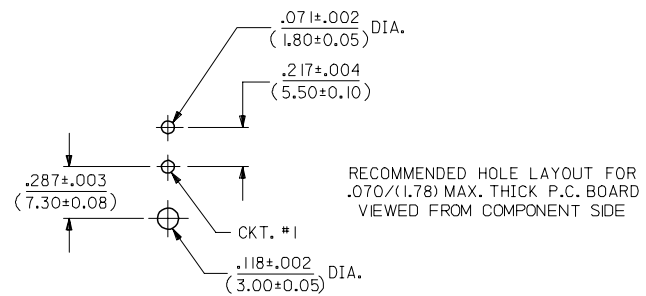
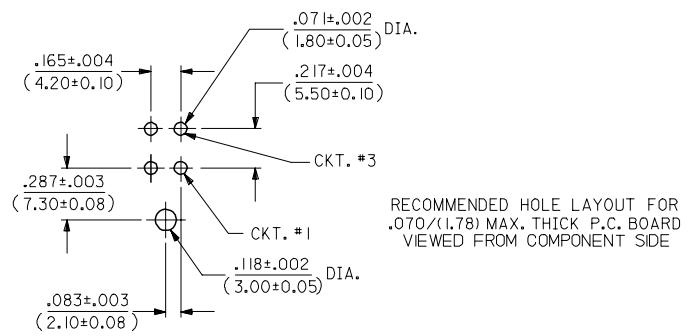
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A-42404-04**



A-42404-02**



SEE SHEET 1 EC NO: UCP2006-1780 DRW:ADRA1NOL 2006/02/03 CHKD:GPOLGAR 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		APPROVED BY RAS	DATE 1989/02/07				
			2 PLACES ± 0.25 ± .015		MATERIAL NO. RAS	DOCUMENT NO. SDA-42404-****				
			1 PLACE ± 0.38 ± ---		ANGULAR ±1/2°		MOLEX MOLEX INCORPORATED		SHEET NO. 2 OF 4	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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