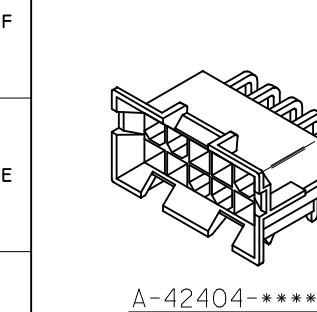
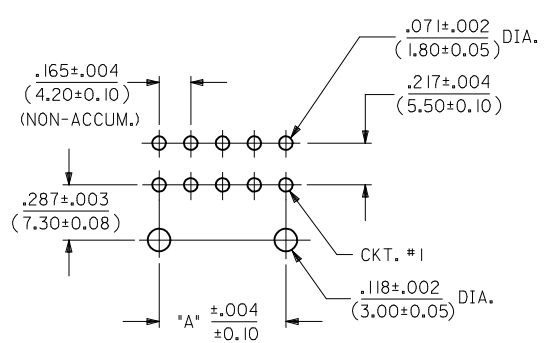
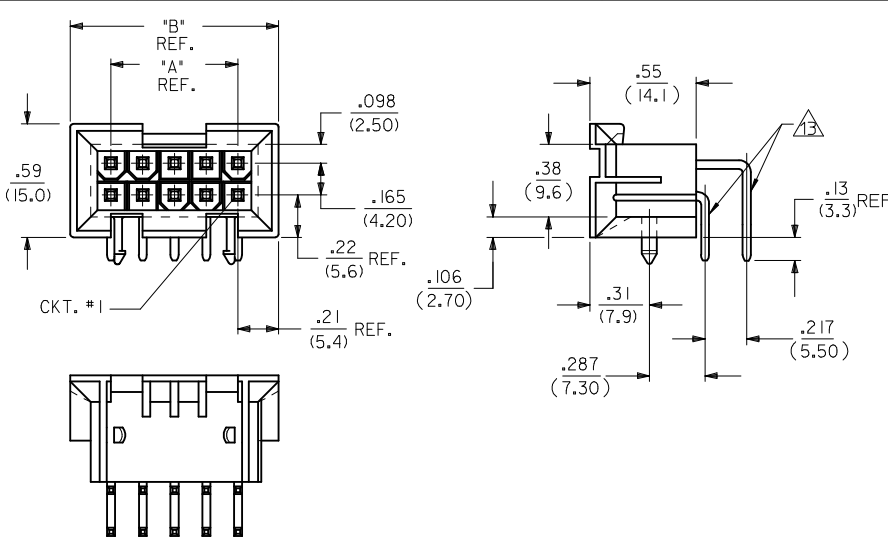


	13	12	11	10	9	8	7	6	5	4	3	2	1
	CIRCUIT SIZE	DIM. "A"	DIM. "B"										
J	6	.331 (8.40)	.76 (19.2)										
	8	.496 (12.60)	.92 (23.4)										
I	10	.661 (16.80)	1.09 (27.6)										
	12	.827 (21.00)	1.25 (31.8)										
	14	.992 (25.20)	1.42 (36.0)										
H	16	1.157 (29.40)	1.58 (40.2)										
	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)										
G	24	1.819 (46.20)	2.24 (57.0)										



A-42404-****

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



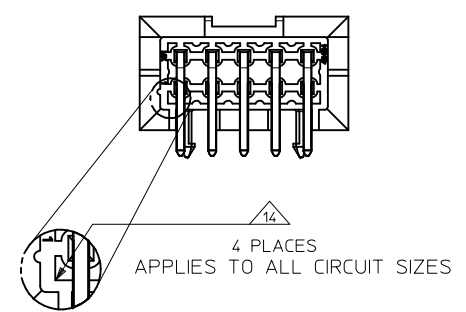
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE

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.*
- 13) FORMING MARKS ARE ACCEPTABLE.
- 14) CORNER CORE-OUTS ARE OPTIONAL AND MAY OR MAY NOT BE PRESENT
- 15) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

LEGEND:

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



ADD BACK VIEW
EC NO: UCP2017-0438
DRAWN: SLAFTER 2016/08/23
CHKD: JEBEL 2016/08/23
APPR: FSMITH 2016/09/12

DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± .025 ± .015
1 PLACE ± .038 ± ---
ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY
DATE
2/7/89

CHECKED BY
DATE
2/7/89

APPROVED BY
DATE
2011/11/01

MATERIAL NO.
DOCUMENT NO.

SEE SHEET 3

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

SCALE
2:1

DESIGN UNITS
METRIC

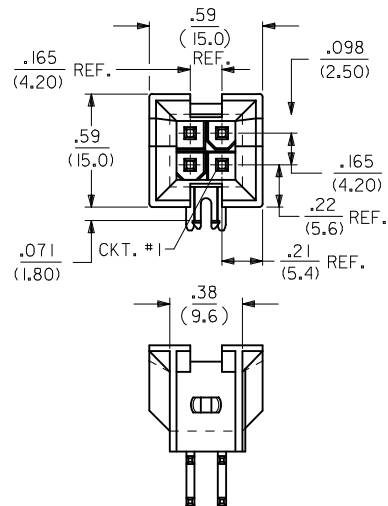
THIRD ANGLE PROJECTION

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

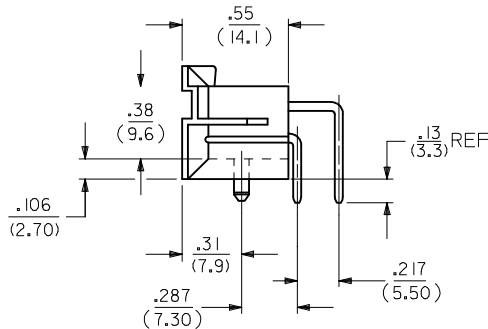
MOLEX MOLEX INCORPORATED

SDA-42404-****

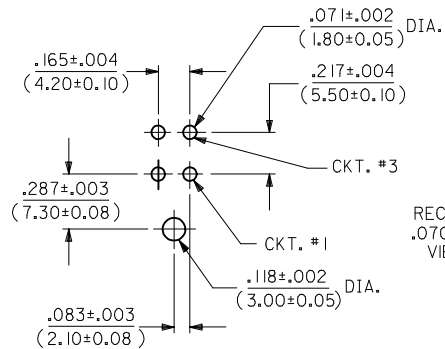
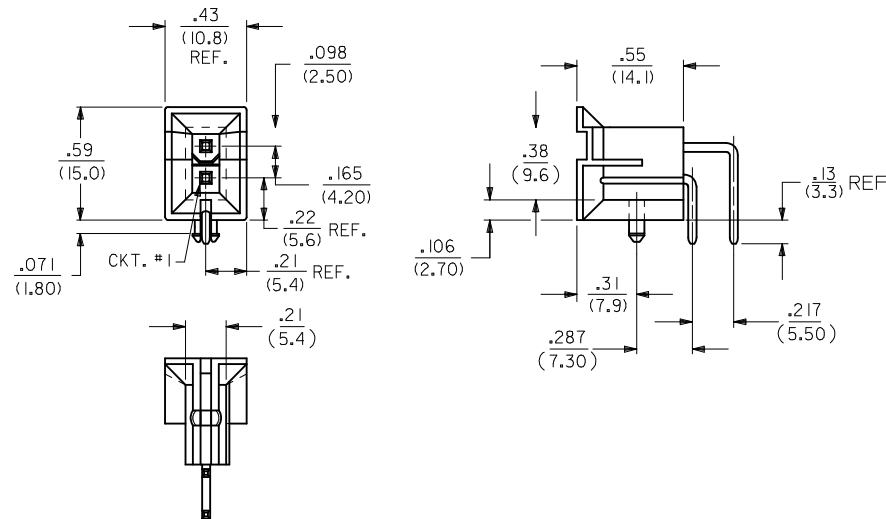
SHEET NO.
1 OF 3



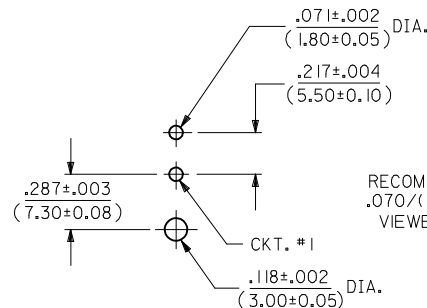
A-42404-04**



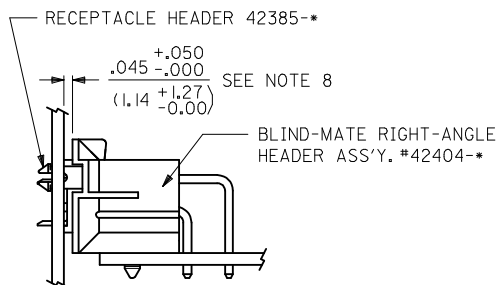
A-42404-02**



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: UCP2017-0438 DRW:CSLAFTER 2016/08/23 CHKD:JBELL 2016/08/23 APPR:FSMITH 2016/09/21	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=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 2/7/89	TITLE MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)	
			4 PLACES ± ---	± ---	CHECKED BY RJK	DATE 2/7/89			
			3 PLACES ± ---	± .010	APPROVED BY FSMITH	DATE 2011/11/01	 MOLEX INCORPORATED		
			2 PLACES ± 0.25	± .015	MATERIAL NO.			DOCUMENT NO.	
			1 PLACE ± 0.38	± ---	SEE SHEET 3			SDA-42404-****	
			ANGULAR ±1/2°		SHEET NO. 2 OF 3				
			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		

A		B		C		D		E		F		G		H		I		J	
REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		TITLE		MATERIAL NO.	
T3		EC NO: UCP2017-0438 DRWNG:SLAFTR 2016/08/23 CHKD:JBELL 2016/08/23 APPR:FSM1TH 2016/09/121		≡ = 0 ≡ = 0 ≡ = 0		mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ± 1/2°		DRAWN BY DATE RWK 2/7/89 CHECKED BY DATE RJF 2/7/89 APPROVED BY DATE FSM1TH 2011/11/01		1:1		METRIC		MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)		MOLEX INCORPORATED		SDA-42404-****	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		DOCUMENT NO.		SHEET NO.		3 OF 3							
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12		11		10		9		8		7		6		5		4		3	
11		10		9		8		7		6		5		4		3		2	
10		9		8		7		6		5		4		3		2		1	
9		8		7		6		5		4		3		2		1			
8		7		6		5		4		3		2		1					
7		6		5		4		3		2		1							
6		5		4		3		2		1									
5		4		3		2		1											
4		3		2		1													
3		2		1															
2		1																	
1																			