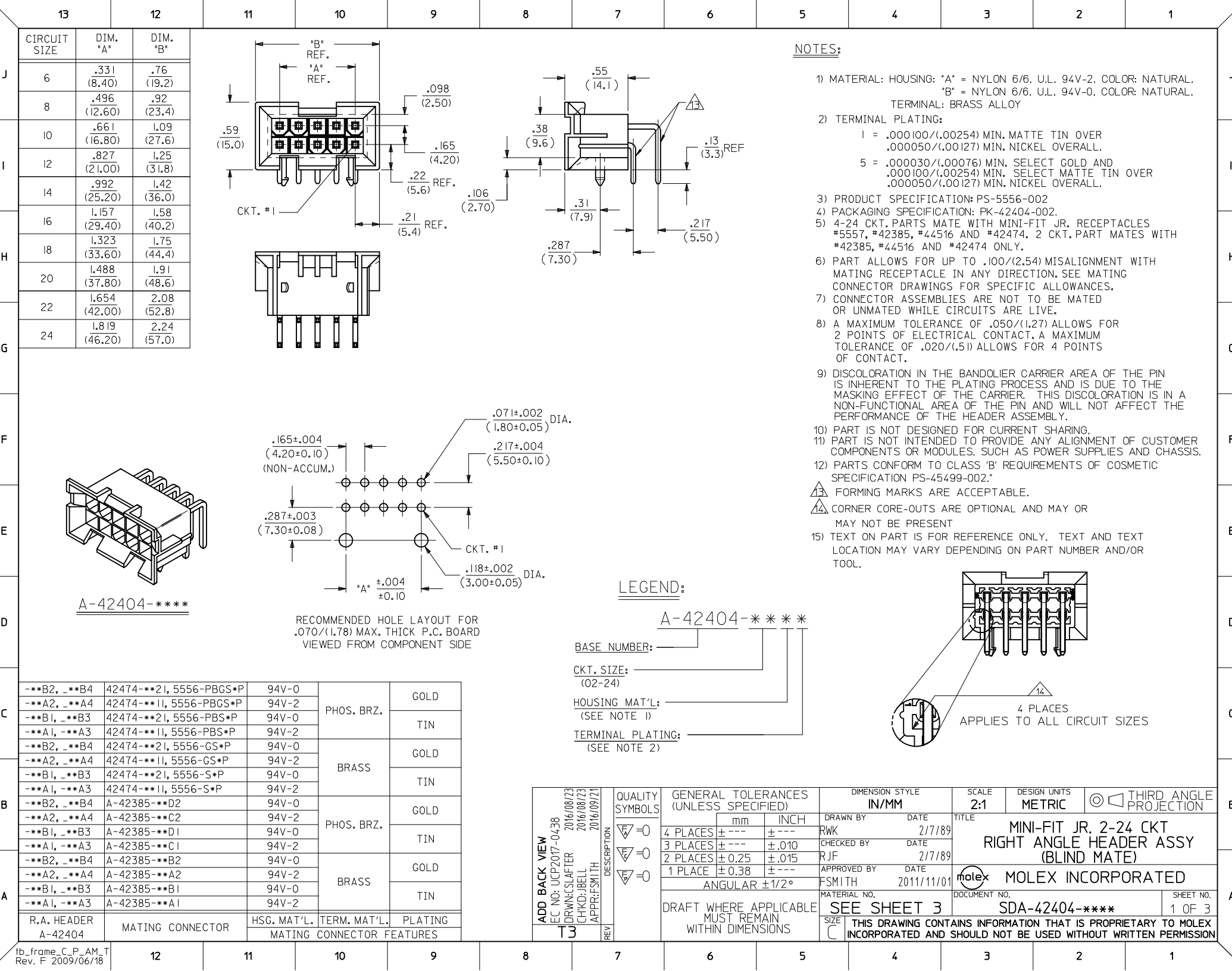
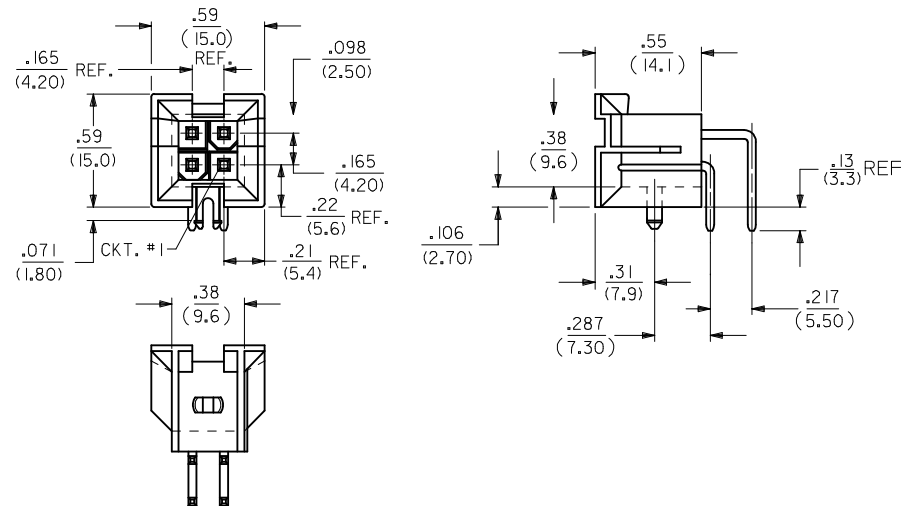




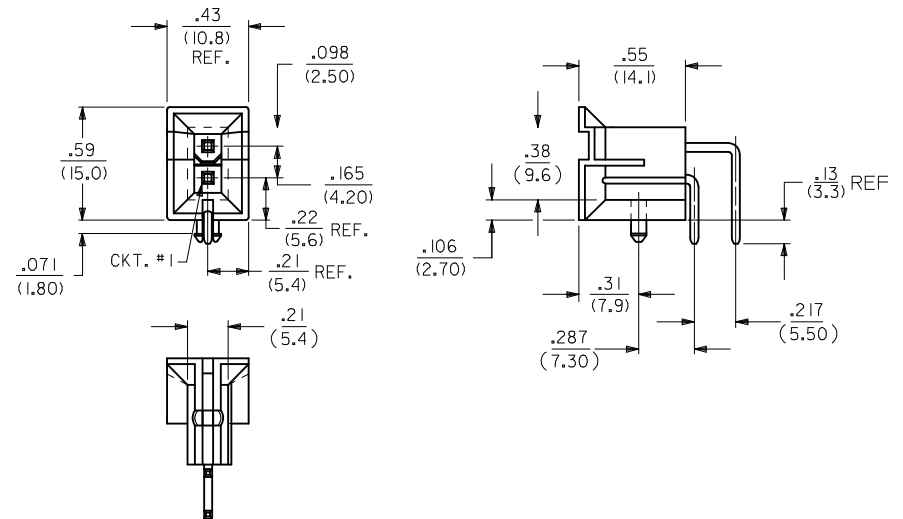
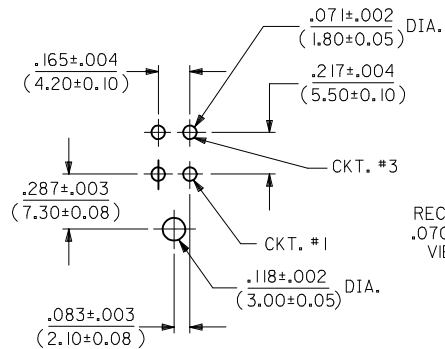
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15-24-9107

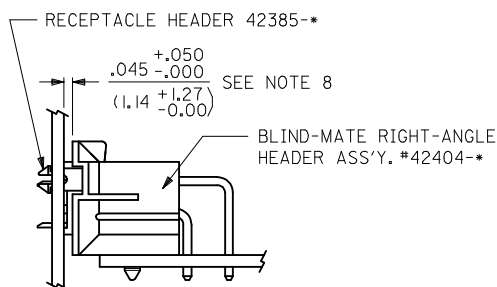
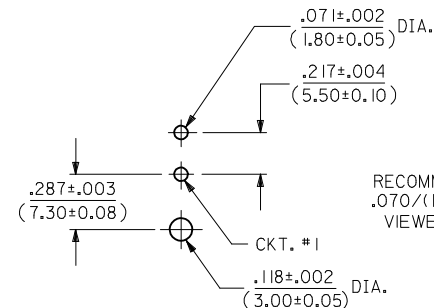




A-42404-04**



A-42404-02**



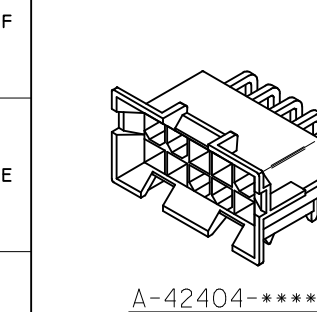
PANEL-TO-P.C.BOARD

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 2016/09/12	DESCRIPTION	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 RJF	DATE 2/7/89				
			3 PLACES ± --- ± .010	APPROVED BY FSMITH		DATE 2011/11/01			
			2 PLACES ± 0.25 ± .015	MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 3	
			1 PLACE ± 0.38 ± ---	SEE SHEET 3		SDA-42404-****			
			ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

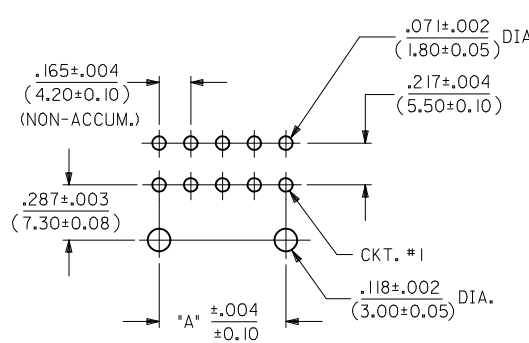
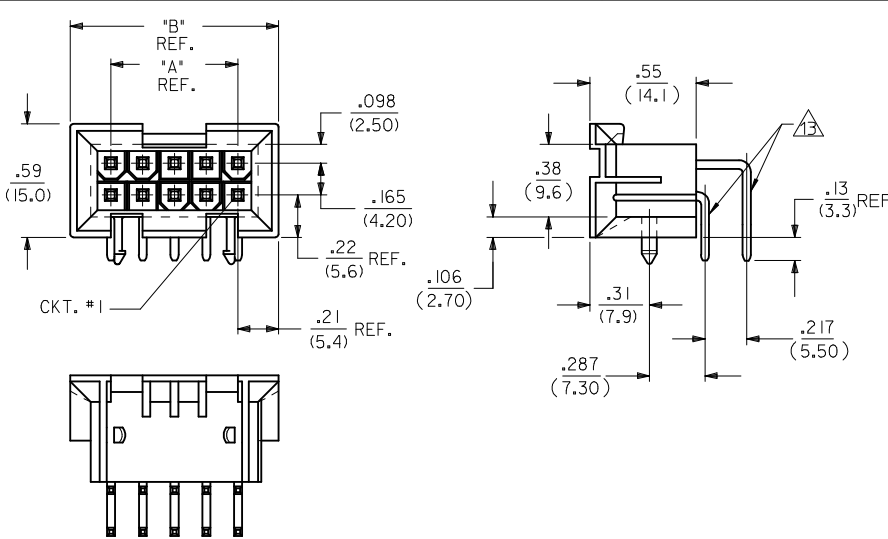
A		B		C		D		E		F		G		H		I		J	
REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION		TITLE		SHEET NO.	
T3		SEE SHEET 1 EC NO: UCP2017-0438 DRAWN: SLAFTER 2016/08/23 CHKD: JBELL 2016/08/23 APPR: FSMITH 2016/09/21				mm INCH		IN/MM		1:1		METRIC				MINI-FIT JR. 2-24 CKT RIGHT ANGLE HEADER ASSY (BLIND MATE)		3 OF 3	
						4 PLACES ±.010 3 PLACES ±.015 2 PLACES ±.025 1 PLACE ±.038		DRAWN BY DATE RWK 2/7/89 CHECKED BY DATE RJF 2/7/89 APPROVED BY DATE FSMITH 2011/11/01		DOCUMENT NO.		MOLEX INCORPORATED							
						ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SDA-42404-****							
								SIZE		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
	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	



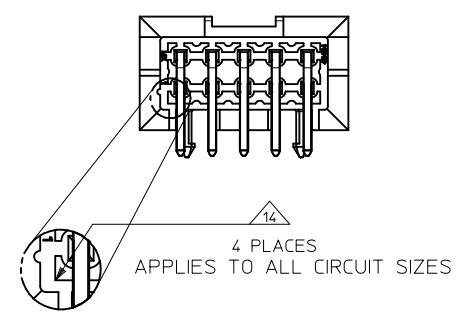
RECOMMENDED HOLE LAYOUT FOR .070/(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE

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.

SCALE
2:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

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

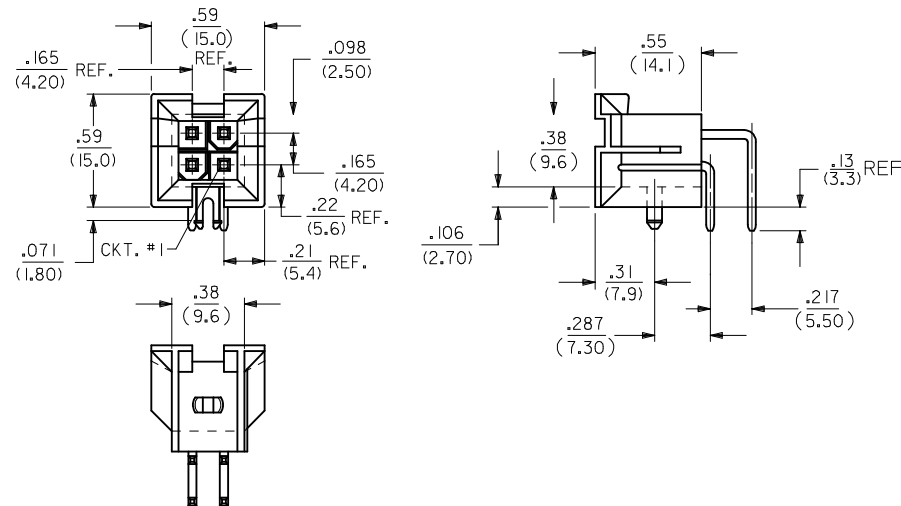
MOLEX INCORPORATED

SEE SHEET 3

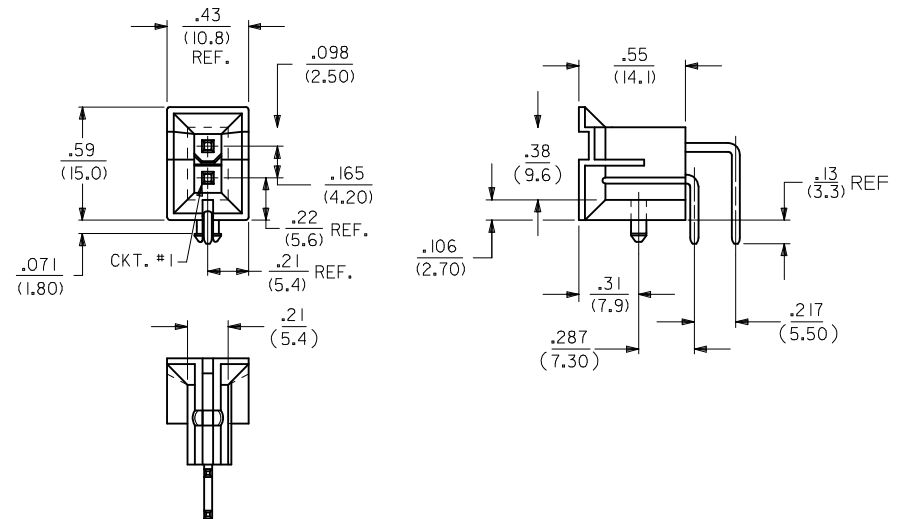
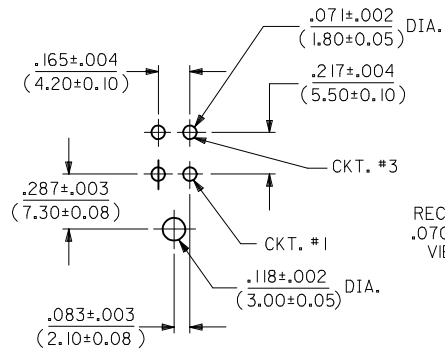
SDA-42404-****

SHEET NO.
1 OF 3

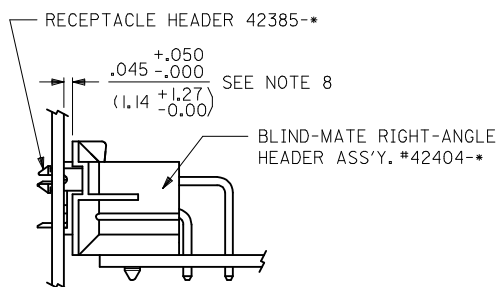
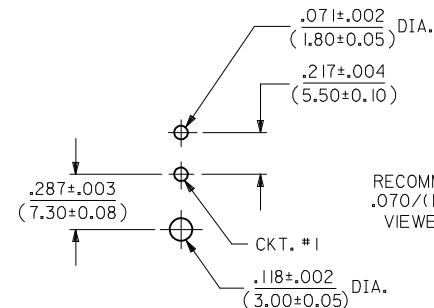
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A-42404-04**



A-42404-02**



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 2016/09/12	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
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			2 PLACES ± 0.25 ± .015	MATERIAL NO.		DOCUMENT NO.				SHEET NO.
			1 PLACE ± 0.38 ± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 3		SDA-42404-****		2 OF 3
			ANGULAR ±1/2°		SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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 [Molex, LLC](#) Information

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management