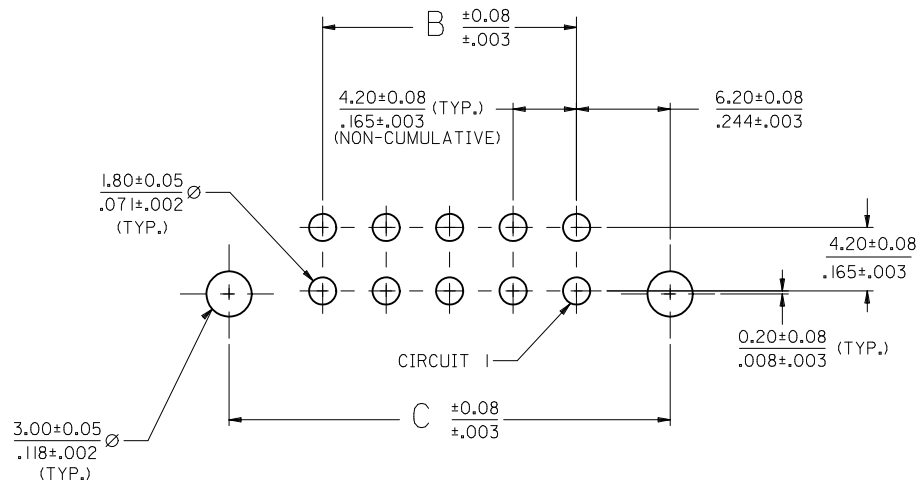
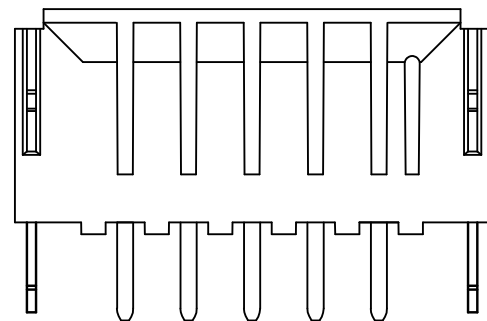
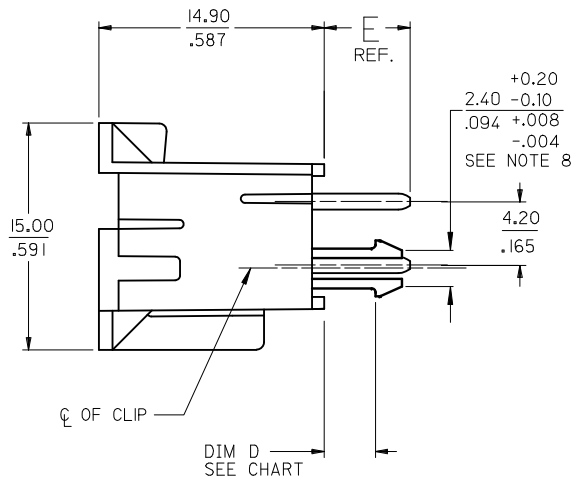
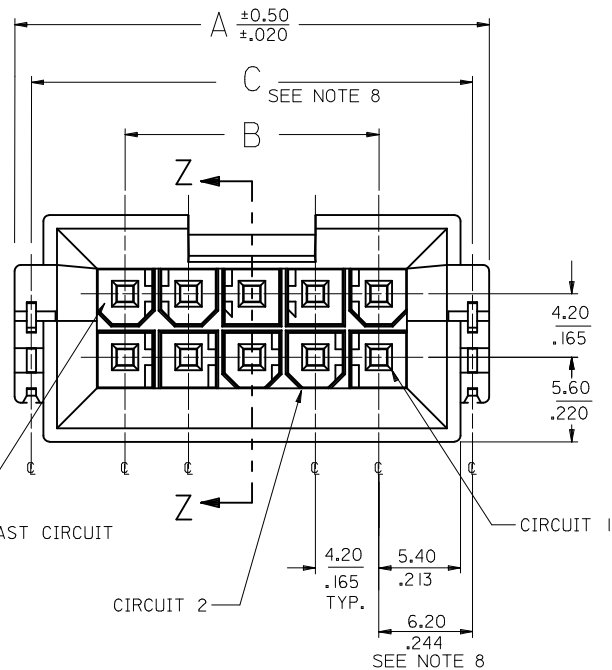




PCB LAYOUT: COMPONENT SIDE

RECOMMENDED PCB THICKNESS: SEE CHART

- 1) MATERIALS:
HOUSING: PA46 FILLED, UL94V-0, COLOR: BLACK
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:
1 = 0.00254/(.000100) MIN TIN OVER NICKEL
2 = 0.00076/(.000030) MIN. SELECT GOLD AND 0.00254/(.000100) MIN. SELECT MATTE TIN OVER 0.00127/(.000050) MIN. NICKEL OVERALL
- 3) PRODUCT SPECIFICATIONS: PS-43810-001
- 4) PACKAGING SPECIFICATIONS: PK-43879-001
- 5) PART MATES WITH MOLEX RECEPTACLE SERIES 5557, 42474 AND 44516 AND HEADER SERIES 42385.
- 6) PART ALLOWS FOR 1.27/.050 MAX. MISALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION.
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
- 8) THIS DIMENSION DOES NOT APPLY TO PARTS WITHOUT P.C. BOARD RETENTION CLIPS.
- 9) PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- 10) 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.

CKTS	DIM. "A"	DIM. "B"	DIM. "C"
4	18.81 .740	4.20 .165	16.60 .653
6	23.01 .906	8.40 .331	20.80 .819
8	27.21 1.071	12.60 .496	25.00 .984
10	31.41 1.237	16.80 .661	29.20 1.150
12	35.61 1.402	21.00 .828	33.40 1.315
14	39.81 1.567	25.20 .992	37.60 1.480
16	44.01 1.733	29.40 1.157	41.80 1.646
18	48.21 1.898	33.60 1.323	46.00 1.811
20	52.41 2.063	37.80 1.488	50.20 1.976
22	56.61 2.229	42.00 1.654	54.40 2.142
24	60.81 2.394	46.20 1.819	58.60 2.307

CHANGE CLIP DIM EC NO: UCP2012-3785 DRAWN: NGUYEN 2012/05/17 CHKD: JELL 2012/05/17 APPR: FSMITH 2012/06/01	QUALITY SYMBOLS F=0 F=0 F=0	DESCRIPTION <
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	13	12	11	10	9	8	7	6	5	4	3	2	1	
J	FINISH:	1 (SEE NOTE 2)		FINISH:	1 (SEE NOTE 2)		FINISH:	1 (SEE NOTE 2)	FINISH:	1 (SEE NOTE 2)				J
	DIM. D:	WITHOUT CLIP		DIM. D:	(1.79±0.25) .070±.010		DIM. D:	(2.60±0.25) .102±.010	DIM. D:	(3.39±0.25) .133±.010				
	DIM. E:	(3.30) .130 REF.		DIM. E:	(3.30) .130 REF.		DIM. E:	(4.50) .177 REF.	DIM. E:	(4.90) .193 REF.				
	PCB THICKNESS:	(1.60±0.18) .063±.007		PCB THICKNESS:	(1.60±0.18) .063±.007		PCB THICKNESS:	(2.39±0.18) .094±.007	PCB THICKNESS:	(3.18±0.18) .125±.007				
I	CIRCUITS	MATERIAL NO.		CIRCUITS	MATERIAL NO.		CIRCUITS	MATERIAL NO.	CIRCUITS	MATERIAL NO.				I
	04	44068-0023		04	44068-0001		04	44068-0045	04	44068-0089				
	06	44068-0024		06	44068-0002		06	44068-0046	06	44068-0090				
	08	X 44068-0025		08	X 44068-0003		08	X 44068-0047	08	X 44068-0091				
	10	44068-0026		10	44068-0004		10	44068-0048	10	44068-0092				
H	12	X 44068-0027		12	X 44068-0005		12	X 44068-0049	12	X 44068-0093				H
	14	44068-0028		14	44068-0006		14	44068-0050	14	44068-0094				
	16	X 44068-0029		16	X 44068-0007		16	X 44068-0051	16	X 44068-0095				
	18	44068-0030		18	44068-0008		18	44068-0052	18	44068-0096				
	20	X 44068-0031		20	X 44068-0009		20	X 44068-0053	20	X 44068-0097				
G	22	X 44068-0032		22	X 44068-0010		22	X 44068-0054	22	X 44068-0098				G
	24	44068-0033		24	44068-0011		24	44068-0055	24	44068-0099				
F	FINISH:	2 (SEE NOTE 2)		FINISH:	2 (SEE NOTE 2)		FINISH:	2 (SEE NOTE 2)	FINISH:	2 (SEE NOTE 2)				F
	DIM. D:	WITHOUT CLIP		DIM. D:	(1.79±0.25) .070±.010		DIM. D:	(2.60±0.25) .102±.010	DIM. D:	(3.39±0.25) .133±.010				
	DIM. E:	(3.30) .130 REF.		DIM. E:	(3.30) .130 REF.		DIM. E:	(4.50) .177 REF.	DIM. E:	(4.90) .193 REF.				
	PCB THICKNESS:	(1.60±0.18) .063±.007		PCB THICKNESS:	(1.60±0.18) .063±.007		PCB THICKNESS:	(2.39±0.18) .094±.007	PCB THICKNESS:	(3.18±0.18) .125±.007				
E	CIRCUITS	MATERIAL NO.		CIRCUITS	MATERIAL NO.		CIRCUITS	MATERIAL NO.	CIRCUITS	MATERIAL NO.				E
	04	44068-0034		04	44068-0012		04	44068-0056	04	44068-0100				
	06	44068-0035		06	44068-0013		06	44068-0057	06	44068-0101				
	08	X 44068-0036		08	X 44068-0014		08	X 44068-0058	08	X 44068-0102				
D	10	44068-0037		10	44068-0015		10	44068-0059	10	44068-0103				D
	12	X 44068-0038		12	X 44068-0016		12	X 44068-0060	12	X 44068-0104				
	14	44068-0039		14	44068-0017		14	44068-0061	14	44068-0105				
	16	X 44068-0040		16	X 44068-0018		16	X 44068-0062	16	X 44068-0106				
	18	44068-0041		18	44068-0019		18	44068-0063	18	44068-0107				
C	20	X 44068-0042		20	X 44068-0020		20	X 44068-0064	20	X 44068-0108				C
	22	X 44068-0043		22	X 44068-0021		22	X 44068-0065	22	X 44068-0109				
	24	44068-0044		24	44068-0022		24	44068-0066	24	44068-0110				
B	SEE SHEET 1 EC NO: UCP2012-3785 2012/05/17 DRW:NGUYEN 2012/05/17 CHKD:JBELL 2012/06/01 APPR:FSM1TH REV DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- 3 PLACES ± --- 2 PLACES ± 0.25 1 PLACE ± 0.35 ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM/IN DRAWN BY MANLAPAZ DATE 1997/12/04 CHECKED BY BANDURA DATE 1997/12/06 APPROVED BY FSM1TH DATE 2012/02/02 MATERIAL NO. SEE CHART SIZE C SCALE 1:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS MOLEX MOLEX INCORPORATED DOCUMENT NO. SD-44068-031 SHEET NO. 2 OF 2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION X PRECEDING PART NUMBER DESIGNATES CIRCUIT SIZE IS NOT TOOLED PLEASE CONTACT FACTORY													B
A	A													
tb_frame_C_P_AM_T Rev. F 2009/06/18	12	11	10	9	8	7	6	5	4	3	2	1		