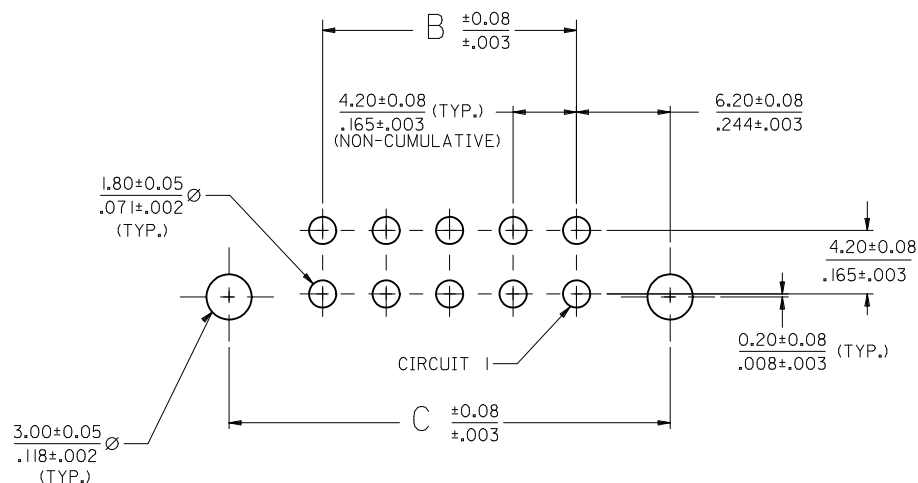
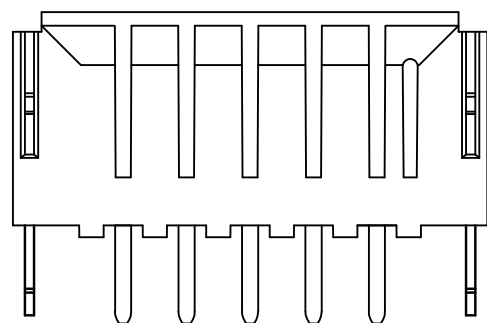
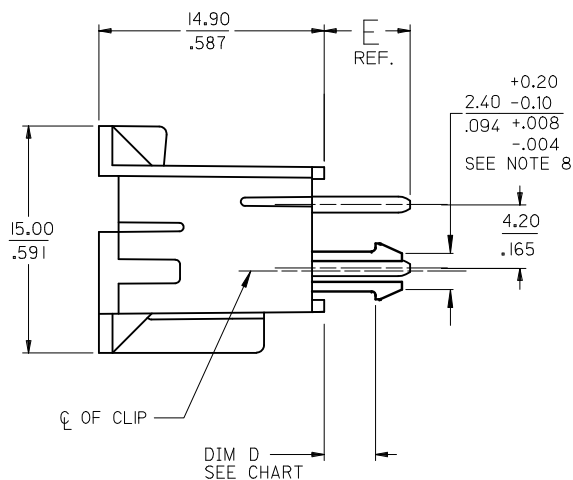
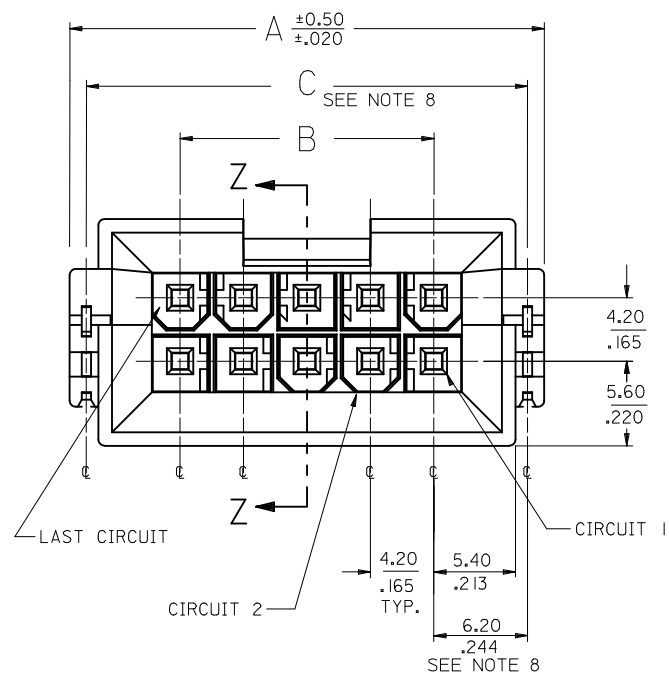




PCB LAYOUT: COMPONENT SIDE

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

CHANGE CLIP DIM EC NO: UCP2012-3785 DRW: NANGUYEN CHKD: IBELL APPR: FSMITH 2012/05/17 2012/05/17 2012/06/01	DESCRIPTION	QUALITY SYMBOLS  F=0  F=0  F=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± --- ANGULAR ± 1/2°	DRAWN BY DATE MANLAPAZ 1997/12/04 CHECKED BY DATE BANDURA 1997/12/06 APPROVED BY DATE FSMITH 2012/02/02 MATERIAL NO. DOCUMENT NO.	TITLE MINI-FIT JR BMI SMC VERTICAL HEADER ASM VARIOUS BOARD THICKNESS MOLEX MOLEX INCORPORATED		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 2	SD-44068-031		SHEET NO. 1 OF 2
			SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			REV				

	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				
	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				D
	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	X PRECEDING PART NUMBER DESIGNATES CIRCUIT SIZE IS NOT TOOLED PLEASE CONTACT FACTORY													B
A														A
	12	11	10	9	8	7	6	5	4	3	2	1		

SEE SHEET 1

EC NO: UCP2012-3785

2012/05/17

DRW:NGUYEN

2012/05/17

CHKD:JBELL

2012/06/01

APPR:FSM:TH

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

FSM:TH

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 INCORPORATED

DOCUMENT NO.

SD-44068-031

SHEET NO.

2 OF 2

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION