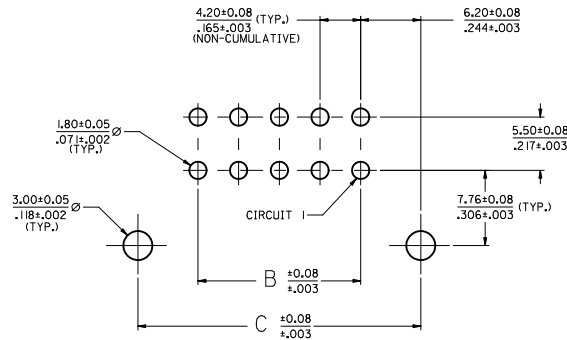
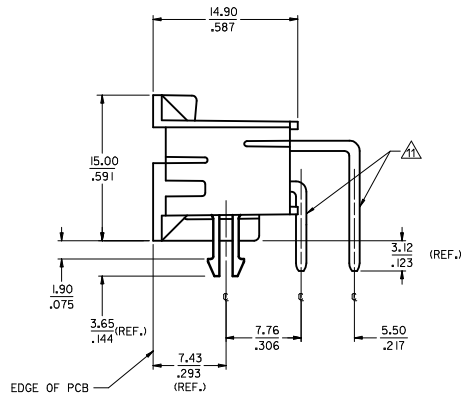
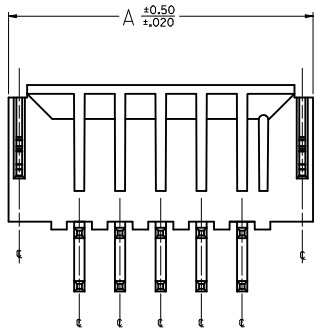
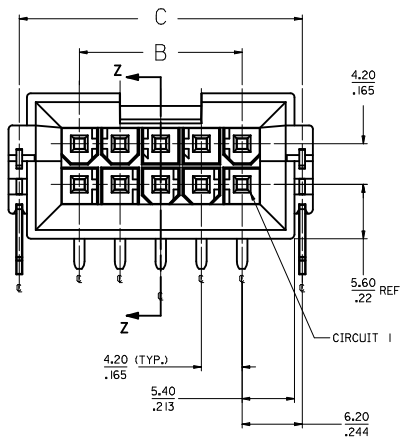


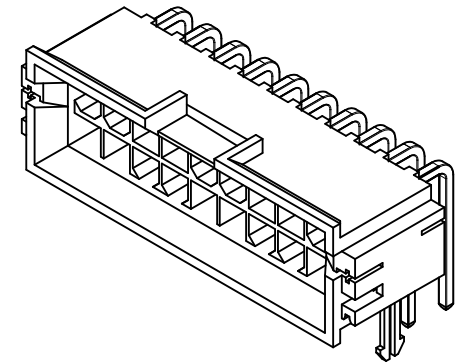


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.60 ±.018 ±.063 ±.007

NOTES

- 1) MATERIALS
HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:
TERMINAL:
1-(0.00254)/.000100 MIN. BRIGHT TIN OVER
(0.00127)/.000050 MIN. NICKEL
2-(0.00076)/.000030 MIN. SELECT GOLD AND
(0.00254)/.000100 MIN. SELECT MATTE TIN
OVER (0.00127)/.000050 MIN. NICKEL OVERALL
MOUNTING CLIP:
(0.00254)/.000100 MIN. MATTE TIN OVER
(0.00127)/.000050 MIN. NICKEL
- 3) PRODUCT SPECIFICATION: PS-43810-001
- 4) PACKAGING SPECIFICATION: PK-43810-001
- 5) PARTS MATES WITH MOLEX RECEPTACLE #5557 AND #42474 AND #42385 HEADER
- 6) PART ALLOWS FOR (1.27)/.050 MAX MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE
- 8) PARTS ARE NOT DESIGNED FOR CURRENT SHARING
- 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 CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002

△ FORMING MARKS ARE ACCEPTABLE



HEADER ASSEMBLY
WITH NO CLIP OPTION

CHANGE PLATING EC NO.: UCP2012-1560 DRAWN BY: DEWANGNIVEN CHKD: BELL APPROVED BY: FSMITH REV:	2012/01/20 2012/01/20 2012/02/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES ±---</td><td>±---</td><td>±---</td></tr><tr><td>3 PLACES ±---</td><td>±.010</td><td>±.010</td></tr><tr><td>2 PLACES ±0.25</td><td>±.014</td><td>±.014</td></tr><tr><td>1 PLACE ±0.35</td><td>±---</td><td>±---</td></tr></tbody></table> ANGULAR ±1/2°		mm	INCH	4 PLACES ±---	±---	±---	3 PLACES ±---	±.010	±.010	2 PLACES ±0.25	±.014	±.014	1 PLACE ±0.35	±---	±---	DIMENSION STYLE MM/IN DRAWN BY: MANLAPAZ CHECKED BY: BANDURA APPROVED BY: FSMITH DATE: 01-06-97 DATE: 03-26-97 DATE: 2012/01/19	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MINI-FIT JR BMI RIGHT ANGLE HEADER ASM. FOR 1.6/063 THK. PCB
		mm	INCH																		
	4 PLACES ±---	±---	±---																		
	3 PLACES ±---	±.010	±.010																		
	2 PLACES ±0.25	±.014	±.014																		
1 PLACE ±0.35	±---	±---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART	DOCUMENT NO. SD-43810-011	SHEET NO. 1 OF 2																
			SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH		MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH						
	438 IO-0001	4	YES	18.81 .740	4.20 .165	16.60 .653	I		438 IO-0199	4	NO	18.81 .740	4.20 .165	16.60 .653	I						
	438 IO-0002	6	YES	23.01 .906	8.40 .331	20.80 .819	I		438 IO-0200	6	NO	23.01 .906	8.40 .331	20.80 .819	I						
N	438 IO-0003	8	YES	27.21 1.071	12.60 .496	25.00 .984	I		438 IO-0201	8	NO	27.21 1.071	12.60 .496	25.00 .984	I						
	438 IO-0004	10	YES	31.41 1.237	16.80 .661	29.20 1.150	I		438 IO-0202	10	NO	31.41 1.237	16.80 .661	29.20 1.150	I						
N	438 IO-0005	12	YES	35.61 1.402	21.00 .828	33.40 1.315	I		438 IO-0203	12	NO	35.61 1.402	21.00 .828	33.40 1.315	I						
	438 IO-0006	14	YES	39.81 1.567	25.20 .992	37.60 1.480	I		438 IO-0204	14	NO	39.81 1.567	25.20 .992	37.60 1.480	I						
N	438 IO-0007	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	I		438 IO-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	I						
	438 IO-0008	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	I		438 IO-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	I						
N	438 IO-0009	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	I		438 IO-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	I						
N	438 IO-0010	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	I		438 IO-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	I						
	438 IO-0011	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	I		438 IO-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	I						
	438 IO-0012	4	YES	18.81 .740	4.20 .165	16.60 .653	2		438 IO-0210	4	NO	18.81 .740	4.20 .165	16.60 .653	2						
	438 IO-0013	6	YES	23.01 .906	8.40 .331	20.80 .819	2		438 IO-0211	6	NO	23.01 .906	8.40 .331	20.80 .819	2						
N	438 IO-0014	8	YES	27.21 1.071	12.60 .496	25.00 .984	2		438 IO-0212	8	NO	27.21 1.071	12.60 .496	25.00 .984	2						
	438 IO-0015	10	YES	31.41 1.237	16.80 .661	29.20 1.150	2		438 IO-0213	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2						
N	438 IO-0016	12	YES	35.61 1.402	21.00 .828	33.40 1.315	2		438 IO-0214	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2						
	438 IO-0017	14	YES	39.81 1.567	25.20 .992	37.60 1.480	2		438 IO-0215	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2						
N	438 IO-0018	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2		438 IO-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2						
	438 IO-0019	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2		438 IO-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2						
N	438 IO-0020	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2		438 IO-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2						
N	438 IO-0021	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2		438 IO-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2						
	438 IO-0022	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	2		438 IO-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2						
N = NOT TOOLED							N = NOT TOOLED														