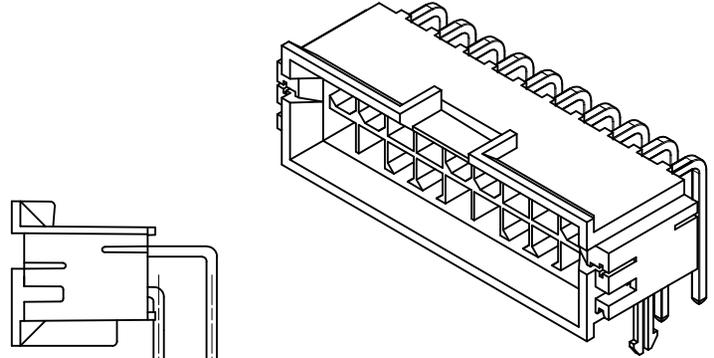


PCB LAYOUT: COMPONENT SIDE
 RECOMMENDED PCB THICKNESS: 1.60 ±0.18 ±.063 ±.007

- NOTES**
- MATERIALS**
 HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK
 TERMINAL: BRASS
 BOARD RETENTION CLIP: BRASS
 - FINISHES:**
 TERMINAL:
 1-(0.00254)/.000100 MIN. BRIGHT TIN OVER
 (0.00127)/.000050 MIN. NICKEL
 2-(0.000761)/.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
 - PRODUCT SPECIFICATION:** PS-43810-001
 - PACKAGING SPECIFICATION:** PK-43810-001
 - PARTS MATE WITH MOLEX RECEPTACLE #5557 AND #42474 AND #42385 HEADER
 - PART ALLOWS FOR (1.27)/.050 MAX MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION
 - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE
 - PARTS ARE NOT DESIGNED FOR CURRENT SHARING
 - 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.
 - PART CONFORMS TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
- ▲ FORMING MARKS ARE ACCEPTABLE



20 CKT SHOWN

HEADER ASSEMBLY WITH NO CLIP OPTION

CHANGE PLATING EC NO: UCP2012-1560 DRAWING/REV: 2012/01/20 CHKD: BELL APPR: FSMITH DATE: 2012/02/02	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH		DIMENSION STYLE MM/IN	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ±--- ±--- 3 PLACES ±--- ±.010 2 PLACES ±0.25 ±.014 1 PLACE ±0.35 ±--- ANGULAR ±1/2°	DRAWN BY MANLAPAZ DATE 01-06-97	CHECKED BY BANDURA DATE 03-26-97	APPROVED BY FSMITH DATE 2012/01/19	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-43810-011	SHEET NO. 1 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
		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					
M	43810-0001	4	YES	18.81 .740	4.20 .165	16.60 .653	1		43810-0199	4	NO	18.81 .740	4.20 .165	16.60 .653	1					
	43810-0002	6	YES	23.01 .906	8.40 .331	20.80 .819	1		43810-0200	6	NO	23.01 .906	8.40 .331	20.80 .819	1					
N	43810-0003	8	YES	27.21 1.071	12.60 .496	25.00 .984	1	N	43810-0201	8	NO	27.21 1.071	12.60 .496	25.00 .984	1					
L	43810-0004	10	YES	31.41 1.237	16.80 .661	29.20 1.150	1		43810-0202	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1					
N	43810-0005	12	YES	35.61 1.402	21.00 .828	33.40 1.315	1	N	43810-0203	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1					
	43810-0006	14	YES	39.81 1.567	25.20 .992	37.60 1.480	1		43810-0204	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1					
K	43810-0007	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	1	N	43810-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1					
	43810-0008	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	1		43810-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1					
N	43810-0009	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	1	N	43810-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1					
J	43810-0010	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	1	N	43810-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1					
	43810-0011	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	1		43810-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1					
I	43810-0012	4	YES	18.81 .740	4.20 .165	16.60 .653	2		43810-0210	4	NO	18.81 .740	4.20 .165	16.60 .653	2					
	43810-0013	6	YES	23.01 .906	8.40 .331	20.80 .819	2		43810-0211	6	NO	23.01 .906	8.40 .331	20.80 .819	2					
N	43810-0014	8	YES	27.21 1.071	12.60 .496	25.00 .984	2	N	43810-0212	8	NO	27.21 1.071	12.60 .496	25.00 .984	2					
H	43810-0015	10	YES	31.41 1.237	16.80 .661	29.20 1.150	2		43810-0213	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2					
N	43810-0016	12	YES	35.61 1.402	21.00 .828	33.40 1.315	2	N	43810-0214	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2					
	43810-0017	14	YES	39.81 1.567	25.20 .992	37.60 1.480	2		43810-0215	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2					
N	43810-0018	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2	N	43810-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2					
G	43810-0019	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2		43810-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2					
N	43810-0020	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2	N	43810-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2					
N	43810-0021	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2	N	43810-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2					
F	43810-0022	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	2		43810-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2					

N = NOT TOOLED

N = NOT TOOLED

SEE SHEET 1 IEC NO. UCP2012-1560 DRAWING NO. 2012/01/20 CHKD: J.BELL APPR: F.S.MITH 2012/02/02	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN	SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± mm ± INCH 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.35 ± ---		DRAWN BY MANLAPAZ	DATE 01-06-97	TITLE MINI-FIT JR BMI RIGHT ANGLE HEADER ASM. FOR 1.6/063 THK. PCB		
		ANGULAR ±1/2°		CHECKED BY BANDURA	DATE 03-26-97	MOLEX INCORPORATED		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY F.S.MITH	DATE 2012/01/19	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-43810-011	SHEET NO. 2 OF 2