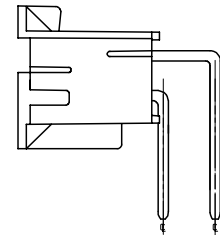


PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: 6.35±0.18 ±.250±.007

NOTES:

- 1) MATERIALS:  
HOUSING: PA46 FILLED BLACK, UL94V-0  
TERMINAL: BRASS  
BOARD RETENTION CLIP: BRASS
- 2) FINISHES:  
TERMINAL:  
1 = TIN OVER NICKEL; THICKNESS = 0.00254/(0.000100) MINIMUM.  
2 = GOLD OVER NICKEL; THICKNESS = .00076/(0.000030) MINIMUM.  
BOARD LOCK CLIP:  
\*3 = MATTE TIN OVER NICKEL; THICKNESS = 0.00254/(0.000100) MINIMUM.  
\*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".  
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD PLATING.
- 3) PRODUCT SPECIFICATIONS AND PROCESSING PARAMETERS: PS-43810-001
- 4) PART MATES WITH MOLEX RECEPTACLE #5557 AND #42474, AND #42385 HEADER.
- 5) PART ALLOWS FOR 1.27/.050 MAX. MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION.
- 6) PART IS DESIGNED IN METRIC
- 7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.



HEADER ASSEMBLY WITH NO CLIP OPTION

2	A
1	C
SHT. REV.	

NOTE 2: ADD ROHS EC NO: UCP2005-2089 DRAWN BY: MARGULI 2005/04/12 CHECKED BY: STEWART 2005/04/20 APPR: MARGULI 2005/04/21	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE: MM/IN		SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
	▽=0 ▽=0	4 PLACES ± --- ± --- 3 PLACES ± 0.25 ± .010 2 PLACES ± 0.35 ± .014 1 PLACE ± --- ± --- ANGULAR ±1/2°	mm INCH	DRAWN BY: MANLAPZ CHECKED BY: BANDURA APPROVED BY: EDGLEY	DATE: 01-06-97 DATE: 03-26-97 DATE: 03-26-97	TITLE: MINI-FIT JR BMI SMC RIGHT ANGLE HEADER ASM FOR 6.35/250 THK. PCB MOLEX INCORPORATED		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	MATERIAL NO.	DOCUMENT NO.	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						

MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH
43810-0353	4	YES	18.81 .740	4.20 .165	16.60 .653	I
43810-0354	6	YES	23.01 .906	8.40 .331	20.80 .819	I
43810-0355	8	YES	27.21 1.071	12.60 .496	25.00 .984	I
43810-0356	10	YES	31.41 1.237	16.80 .661	29.20 1.150	I
43810-0357	12	YES	35.61 1.402	21.00 .828	33.40 1.315	I
43810-0358	14	YES	39.81 1.567	25.20 .992	37.60 1.480	I
43810-0359	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	I
43810-0360	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	I
43810-0361	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	I
43810-0362	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	I
43810-0363	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	I
43810-0364	4	YES	18.81 .740	4.20 .165	16.60 .653	2
43810-0365	6	YES	23.01 .906	8.40 .331	20.80 .819	2
43810-0366	8	YES	27.21 1.071	12.60 .496	25.00 .984	2
43810-0367	10	YES	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0368	12	YES	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0369	14	YES	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0370	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0371	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0372	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0373	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0374	24	YES	60.81 2.394	46.20 1.819	58.60 2.307	2

MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH
43810-0375	4	NO	18.81 .740	4.20 .165	16.60 .653	I
43810-0376	6	NO	23.01 .906	8.40 .331	20.80 .819	I
43810-0377	8	NO	27.21 1.071	12.60 .496	25.00 .984	I
43810-0378	10	NO	31.41 1.237	16.80 .661	29.20 1.150	I
43810-0379	12	NO	35.61 1.402	21.00 .828	33.40 1.315	I
43810-0380	14	NO	39.81 1.567	25.20 .992	37.60 1.480	I
43810-0381	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	I
43810-0382	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	I
43810-0383	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	I
43810-0384	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	I
43810-0385	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	I
43810-0386	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0387	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0388	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0389	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0390	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0391	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0392	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0393	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0394	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0395	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0396	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH
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43810-0379	12	NO	35.61 1.402	21.00 .828	33.40 1.315	I
43810-0380	14	NO	39.81 1.567	25.20 .992	37.60 1.480	I
43810-0381	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	I
43810-0382	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	I
43810-0383	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	I
43810-0384	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	I
43810-0385	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	I
43810-0386	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0387	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0388	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0389	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0390	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0391	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0392	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0393	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0394	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0395	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0396	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; vertical-align: top;">           SEE SHEET 1            EC NO. LCR200-10024            JMW/JIANG 00/07/20            BPH/BANDURA 00/07/20            APPR: EDGLEY 00/07/20         </td> <td style="width: 15%; vertical-align: top;">           QUALITY SYMBOLS            MAJOR             CRITICAL             DESCRIPTOR             REV  </td> <td style="width: 20%; vertical-align: top;">           GENERAL TOLERANCES:            (UNLESS SPECIFIED)            mm INCH            4 PLACES ±0.25 ±.010            3 PLACES ±0.25 ±.010            2 PLACES ±0.35 ±.014            1 PLACE ±0.         </td> <td style="width: 15%; vertical-align: top;">           SCALE: N:A            DESIGN UNITS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH            THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> </td> <td style="width: 15%; vertical-align: top;">           DRAWN BY &amp; DATE            JIANG 00/07/20            CHECKED BY &amp; DATE            BANDURA 00/07/20            APPROVED BY &amp; DATE            EDGLEY 00/07/20         </td> <td style="width: 15%; vertical-align: top;">           TITLE:  <b>MINI-FIT JR. BMI SMC            RIGHT ANGLE HEADER ASM.            FOR 6.35/.250 THK. PCB</b>            MOLEX INCORPORATED         </td> <td style="width: 10%; vertical-align: top;">           DIMENSIONS:  <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH  <input type="checkbox"/> mm ONLY <input type="checkbox"/> mm ONLY         </td> <td style="width: 10%; vertical-align: top;">           SHEET NO. 2            REV A         </td> </tr> <tr> <td colspan="5">           DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS         </td> <td colspan="5">           CAD FILENAME:         </td> <td colspan="5">           MATERIAL NO. DRAWING NO. SEE CHART SD-43810-071         </td> <td colspan="5">           SHEET NO. 2            SIZE D         </td> </tr> </table>																																																																																																				SEE SHEET 1 EC NO. LCR200-10024 JMW/JIANG 00/07/20 BPH/BANDURA 00/07/20 APPR: EDGLEY 00/07/20	QUALITY SYMBOLS MAJOR CRITICAL DESCRIPTOR REV	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ±0.25 ±.010 3 PLACES ±0.25 ±.010 2 PLACES ±0.35 ±.014 1 PLACE ±0.	SCALE: N:A DESIGN UNITS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH THIRD ANGLE PROJECTION <input checked="" type="checkbox"/>	DRAWN BY & DATE JIANG 00/07/20 CHECKED BY & DATE BANDURA 00/07/20 APPROVED BY & DATE EDGLEY 00/07/20	TITLE: <b>MINI-FIT JR. BMI SMC            RIGHT ANGLE HEADER ASM.            FOR 6.35/.250 THK. PCB</b> MOLEX INCORPORATED	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY <input type="checkbox"/> mm ONLY	SHEET NO. 2 REV A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					CAD FILENAME:					MATERIAL NO. DRAWING NO. SEE CHART SD-43810-071					SHEET NO. 2 SIZE D				
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