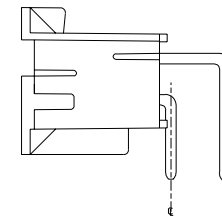


PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: 1.60±0.18
.063±.007

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.
- 3) PRODUCT SPECIFICATIONS: 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	C
1	EI

ADD DIM 7.43/.293 EC NO: LCP2003-1630 CHW: NCS/STW/AR/03/01/27 CHW: YMAR/CL/10/30/1/27 APPR: YMAR/CL/10/30/1/27	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: UNLESS SPECIFIED: 4 PLACES ±0.25 ±.010 3 PLACES ±0.35 ±.014 2 PLACES ±0.14 ±.005 1 PLACE ±0.14 ±.005	SCALE: 4:1 DESIGN UNITS: mm (checked), INCH DRAWN BY & DATE: MAN LAPAZ 97/01/06 CHECKED BY & DATE: BANDURA 97/03/26 APPROVED BY & DATE: EDGLEY 97/03/26	DIMENSIONS: mm (checked), INCH, mm ONLY THIRD ANGLE PROJECTION (checked) TITLE: MINI-FIT JR. BMI SMC RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB MOLEX INCORPORATED	SHEET NO. 1 OF 2 SIZE D
	CAD FILENAME: S4381001.DGN MATERIAL NO.: SEE CHART DRAWING NO.: SD-43810-011	ANGULAR: ± 1/2° 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.	
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MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. 'A'	DIM. 'B'	DIM. 'C'	FINISH
43810-0001	4	YES	18.81 .740	4.20 .165	16.60 .653	1
43810-0002	6	YES	23.01 .906	8.40 .331	20.80 .819	1
43810-0003	8	YES	27.21 1.071	12.60 .496	25.00 .984	1
43810-0004	10	YES	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0005	12	YES	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
43810-0007	16	YES	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
43810-0009	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0010	22	YES	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
43810-0012	4	YES	18.81 .740	4.20 .165	16.60 .653	2
43810-0013	6	YES	23.01 .906	8.40 .331	20.80 .819	2
43810-0014	8	YES	27.21 1.071	12.60 .496	25.00 .984	2
43810-0015	10	YES	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0016	12	YES	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
43810-0018	16	YES	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0019	18	YES	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0020	20	YES	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0021	22	YES	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0022	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
43810-0199	4	NO	18.81 .740	4.20 .165	16.60 .653	1
43810-0200	6	NO	23.01 .906	8.40 .331	20.80 .819	1
43810-0201	8	NO	27.21 1.071	12.60 .496	25.00 .984	1
43810-0202	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0203	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1
43810-0204	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1
43810-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1
43810-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1
43810-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1
43810-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1
43810-0210	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0211	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0212	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0213	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0214	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0215	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

REVISIONS: EC NO. U81301 DRW: MANLAPAZ 97/07/18 CHK: BANDURA 97/07/18 APP: EDGLEY 97/07/18 DESCRIPTION:	QUALITY SYMBOLS: MAJOR \blacktriangledown $\neq 0$ CRITICAL ∇ $\neq 0$	GENERAL TOLERANCES: (UNLESS SPECIFIED) 4 PLACES $\pm 0.$ 3 PLACES ± 0.25 ± 0.10 2 PLACES ± 0.35 ± 0.14 1 PLACE $\pm 0.$	ANGULAR: $\pm 1/2^\circ$	SCALE: N:A DESIGN UNITS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DESIGN BY & DATE: MANLAPAZ 97/07/18 CHECKED BY & DATE: BANDURA 97/07/18 APPROVED BY & DATE: EDGLEY 97/07/18	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY <input type="checkbox"/> mm ONLY	THIRD ANGLE PROJECTION <input checked="" type="checkbox"/> THIRD ANGLE <input type="checkbox"/> FIRST ANGLE	TITLE: MINI-FIT JR. BMI SMC RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB	MATERIAL NO. SEE CHART	DRAWING NO. SD-43810-011	SHEET NO. 2	SIZE D
	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.							