



HEADER ASSEMBLY WITH NO CLIP OPTION

- NOTES:**
- MATERIALS:**  
HOUSING: PA46 FILLED BLACK, UL94V-0  
TERMINAL: BRASS  
BOARD RETENTION CLIP: BRASS
  - FINISHES:**  
TERMINAL:  
1 = TIN OVER NICKEL; THICKNESS = 0.00254/(0.00100) MINIMUM.  
2 = GOLD OVER NICKEL; THICKNESS = .00076/(0.00030) MINIMUM.  
BOARD LOCK CLIP:  
\*3 = MATTE TIN OVER NICKEL; THICKNESS = 0.00254/(0.00100) 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.
  - PRODUCT SPECIFICATIONS AND PROCESSING PARAMETERS: PS-43810-001.
  - PART MATES WITH MOLEX RECEPTACLE #5557 AND #42474, AND #42385 HEADER.
  - PART ALLOWS FOR 1.27±.050 MAX. MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION.
  - PART IS DESIGNED IN METRIC
  - CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.

2	C
1	F
SHT.	REV.

<b>NOTE: ADD ROHOS</b> IEC NO: UICP2005-2089 DRAWN BY: CHYKOSPOLGAR CHECKED BY: YMARGILL APPR: YMARGILL DATE: 2005/04/12 DATE: 2005/04/20 DATE: 2005/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±.25 ±.010 3 PLACES ±.35 ±.014 2 PLACES ±.50 ±.020 1 PLACE ±.75 ±.030 ANGULAR ±1/2°	DIMENSION STYLE MM/IN DRAWN BY: MANLAPAZ CHECKED BY: BANDURA APPROVED BY: EDGLEY DATE: 01-06-97 DATE: 03-26-97 DATE: 03-26-97	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: MINI-FIT JR BMI SMC RIGHT ANGLE HEADER ASM. FOR 1.6/063 THK. PCB MOLEX INCORPORATED
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.: SEE CHART DOCUMENT NO.: SD-43810-011	SHEET NO.: 1 OF 2		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE D				

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

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43810-0019	4	NO	18.81 .740	4.20 .165	16.60 .653	1
43810-0020	6	NO	23.01 .906	8.40 .331	20.80 .819	1
43810-0021	8	NO	27.21 1.071	12.60 .496	25.00 .984	1
43810-0022	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0023	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1
43810-0024	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1
43810-0025	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1
43810-0026	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1
43810-0027	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0028	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1
43810-0029	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1
43810-0010	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0011	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0012	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0013	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0014	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0015	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0016	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0017	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0018	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0019	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
43810-0020	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

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43810-0019	4	NO	18.81 .740	4.20 .165	16.60 .653	1
43810-0020	6	NO	23.01 .906	8.40 .331	20.80 .819	1
43810-0021	8	NO	27.21 1.071	12.60 .496	25.00 .984	1
43810-0022	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1
43810-0023	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1
43810-0024	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1
43810-0025	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1
43810-0026	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1
43810-0027	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1
43810-0028	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1
43810-0029	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1
43810-0010	4	NO	18.81 .740	4.20 .165	16.60 .653	2
43810-0011	6	NO	23.01 .906	8.40 .331	20.80 .819	2
43810-0012	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
43810-0013	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
43810-0014	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
43810-0015	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
43810-0016	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
43810-0017	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
43810-0018	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
43810-0019	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
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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

REVISED EC NO. UB 130 I DRW/MAN. AFA 291/02/07 CPM. BANDURA 9/02/09 APPR. EDGLEY - 9/02/09 C	QUALITY SYMBOLS MAJOR CRITICAL DESCRIPTOR REV	GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH	SCALE N:A <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY	SHT 2 REV	
		4 PLACES $\pm 0.1$ 3 PLACES $\pm 0.25$ 2 PLACES $\pm 0.35$ 1 PLACE $\pm 0.5$	DRAWN BY & DATE MANLAPAZ 9/07/14 CHECKED BY & DATE BANDURA 9/07/18 APPROVED BY & DATE EDGLEY 9/07/18	TITLE: <b>MINI-FIT JR. BMI SMC          RIGHT ANGLE HEADER ASM.          FOR 1.6/.063 THK. PCB</b>	MATERIAL NO. <b>SD-43810-011</b>	DRAWING NO. <b>SEE CHART SD-43810-011</b>	SHEET NO. 2
		ANGULAR: $\pm 1/2^\circ$	CAD FILENAME S4381007.DGN	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.	SIZE D		
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