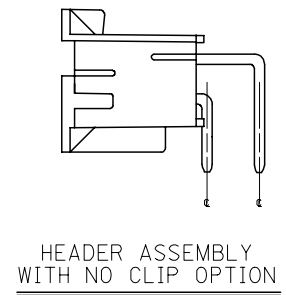


- NOTES:**
- MATERIALS:**
HOUSING: PA46 FILLED BLACK, UL94V-0
TERMINAL: BRASS
BOARD RETENTION CLIP: BRASS
 - FINISHES:**
TERMINAL:
1 = TIN OVER NICKEL; THICKNESS = 0.00254/(0.00100) MINIMUM.
2 = GOLD OVER NICKEL; THICKNESS = .00076/(0.000030) MINIMUM.
BOARD LOCK CLIP:
*3 = MATTE TIN OVER NICKEL; THICKNESS = 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. | |

| | | | | | | | | |
|---|--------------------------|---------------------------------------|---|--------------------------|--|-----------------------|------------------------------|---|
| NOTE 2. ADD ROHS DEC. NO. UCP2005-2089 TDR: NICK STEWART 2005/04/12 CHK: KIPULGAR 2005/04/20 APPR: MMARGILL 2005/04/21 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM/IN | | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | $\nabla=0$ $\nabla=0$ | 4 PLACES | ± | --- | --- | DRAWN BY MANLAPAZ | DATE 01-06-97 | TITLE MINI-FIT JR BMI SMC RIGHT ANGLE HEADER ASM. FOR 2.39/.094 THK. PCB |
| | | 3 PLACES | ± | 0.25 | ± 0.10 | CHECKED BY BANDURA | DATE 03-26-97 | MOLEX INCORPORATED |
| | | 2 PLACES | ± | 0.35 | ± 0.14 | APPROVED BY EDGLEY | DATE 03-26-97 | |
| | | 1 PLACE | ± | --- | MATERIAL NO. SD-43810-031 | | DOCUMENT NO. SD-43810-031 | SHEET NO. 1 OF 2 |
| | | ANGULAR | | ±1/2° | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE CHART 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 |
|--------------|--------------|-------------|----------------|----------------|----------------|--------|
| 43810-0045 | 4 | YES | 18.81 .740 | 4.20 .165 | 16.60 .653 | I |
| 43810-0046 | 6 | YES | 23.01 .906 | 8.40 .331 | 20.80 .819 | I |
| 43810-0047 | 8 | YES | 27.21 1.071 | 12.60 .496 | 25.00 .984 | I |
| 43810-0048 | 10 | YES | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | I |
| 43810-0049 | 12 | YES | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | I |
| 43810-0050 | 14 | YES | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | I |
| 43810-0051 | 16 | YES | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | I |
| 43810-0052 | 18 | YES | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | I |
| 43810-0053 | 20 | YES | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | I |
| 43810-0054 | 22 | YES | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | I |
| 43810-0055 | 24 | YES | 60.81 2.394 | 46.20 1.819 | 58.60 2.307 | I |
| 43810-0056 | 4 | YES | 18.81 .740 | 4.20 .165 | 16.60 .653 | 2 |
| 43810-0057 | 6 | YES | 23.01 .906 | 8.40 .331 | 20.80 .819 | 2 |
| 43810-0058 | 8 | YES | 27.21 1.071 | 12.60 .496 | 25.00 .984 | 2 |
| 43810-0059 | 10 | YES | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | 2 |
| 43810-0060 | 12 | YES | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | 2 |
| 43810-0061 | 14 | YES | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | 2 |
| 43810-0062 | 16 | YES | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | 2 |
| 43810-0063 | 18 | YES | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | 2 |
| 43810-0064 | 20 | YES | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | 2 |
| 43810-0065 | 22 | YES | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | 2 |
| 43810-0066 | 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 |
|--------------|--------------|-------------|----------------|----------------|----------------|--------|
| 43810-0265 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | I |
| 43810-0266 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | I |
| 43810-0267 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | I |
| 43810-0268 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | I |
| 43810-0269 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | I |
| 43810-0270 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | I |
| 43810-0271 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | I |
| 43810-0272 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | I |
| 43810-0273 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | I |
| 43810-0274 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | I |
| 43810-0275 | 24 | NO | 60.81 2.394 | 46.20 1.819 | 58.60 2.307 | I |
| 43810-0276 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | 2 |
| 43810-0277 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | 2 |
| 43810-0278 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | 2 |
| 43810-0279 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | 2 |
| 43810-0280 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | 2 |
| 43810-0281 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | 2 |
| 43810-0282 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | 2 |
| 43810-0283 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | 2 |
| 43810-0284 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | 2 |
| 43810-0285 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | 2 |
| 43810-0286 | 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 |
|--------------|--------------|-------------|----------------|----------------|----------------|--------|
| 43810-0265 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | I |
| 43810-0266 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | I |
| 43810-0267 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | I |
| 43810-0268 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | I |
| 43810-0269 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | I |
| 43810-0270 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | I |
| 43810-0271 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | I |
| 43810-0272 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | I |
| 43810-0273 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | I |
| 43810-0274 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | I |
| 43810-0275 | 24 | NO | 60.81 2.394 | 46.20 1.819 | 58.60 2.307 | I |
| 43810-0276 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | 2 |
| 43810-0277 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | 2 |
| 43810-0278 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | 2 |
| 43810-0279 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | 2 |
| 43810-0280 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | 2 |
| 43810-0281 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | 2 |
| 43810-0282 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | 2 |
| 43810-0283 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | 2 |
| 43810-0284 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | 2 |
| 43810-0285 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | 2 |
| 43810-0286 | 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 |
|--------------|--------------|-------------|----------------|----------------|----------------|--------|
| 43810-0265 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | I |
| 43810-0266 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | I |
| 43810-0267 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | I |
| 43810-0268 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | I |
| 43810-0269 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | I |
| 43810-0270 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | I |
| 43810-0271 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | I |
| 43810-0272 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | I |
| 43810-0273 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | I |
| 43810-0274 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | I |
| 43810-0275 | 24 | NO | 60.81 2.394 | 46.20 1.819 | 58.60 2.307 | I |
| 43810-0276 | 4 | NO | 18.81 .740 | 4.20 .165 | 16.60 .653 | 2 |
| 43810-0277 | 6 | NO | 23.01 .906 | 8.40 .331 | 20.80 .819 | 2 |
| 43810-0278 | 8 | NO | 27.21 1.071 | 12.60 .496 | 25.00 .984 | 2 |
| 43810-0279 | 10 | NO | 31.41 1.237 | 16.80 .661 | 29.20 1.150 | 2 |
| 43810-0280 | 12 | NO | 35.61 1.402 | 21.00 .828 | 33.40 1.315 | 2 |
| 43810-0281 | 14 | NO | 39.81 1.567 | 25.20 .992 | 37.60 1.480 | 2 |
| 43810-0282 | 16 | NO | 44.01 1.733 | 29.40 1.157 | 41.80 1.646 | 2 |
| 43810-0283 | 18 | NO | 48.21 1.898 | 33.60 1.323 | 46.00 1.811 | 2 |
| 43810-0284 | 20 | NO | 52.41 2.063 | 37.80 1.488 | 50.20 1.976 | 2 |
| 43810-0285 | 22 | NO | 56.61 2.229 | 42.00 1.654 | 54.40 2.142 | 2 |
| 43810-0286 | 24 | NO | 60.81 2.394 | 46.20 1.819 | 58.60 2.307 | 2 |

| | | | | | |
|--|--|---|---|---|---|
| REVISED EC NO. UB 130 I DRW/MAN. APA 291/02/07 C/PK. BANDURA 97/02/09 APPR. EDGLEY 97/02/09 C | QUALITY SYMBOLS MAJOR CRITICAL DESCRIPTIVE REV | GENERAL TOLERANCES: (UNLESS SPECIFIED) mm INCH 4 PLACES ±0.25 3 PLACES ±0.35 2 PLACES ±0.14 1 PLACE ±0. | SCALE N: A DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH THIRD ANGLE PROJECTION | DRAWN BY & DATE MAN/PAZ 97/07/14 CHECKED BY & DATE BANDURA 97/07/18 APPROVED BY & DATE EDGLEY 97/07/18 | DIMENSIONS: <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm <input type="checkbox"/> INCH SHT 2 REV 2 REVISIONS ON CAD ONLY |
| | | TITLE: MINI-FIT JR. BMI SMC RIGHT ANGLE HEADER ASM. FOR 2.39/0.94 THK. PCB | | | MATERIAL NO. SEE CHART SD-43810-031 |
| | | ANGULAR: ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | CAD FILENAME: S43810099.DGN THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |
| | | | | | SHEET NO. 2 |