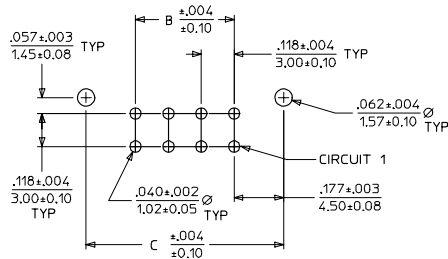
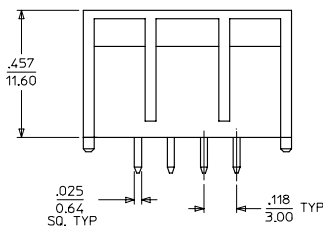
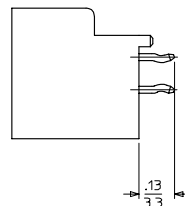
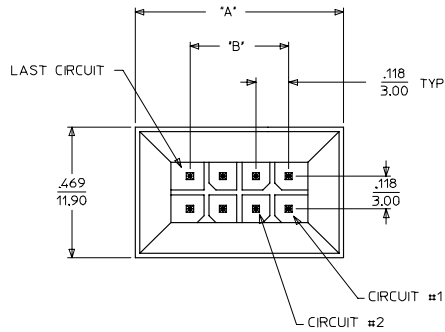


| 44432 | | | |
|--------------|-----------------------|-----------------------|-----------------------|
| CIRCUIT SIZE | "A" | "B" | C |
| 04 | $\frac{.512}{13.00}$ | $\frac{.118}{3.00}$ | $\frac{.472}{12.00}$ |
| 06 | $\frac{.630}{16.00}$ | $\frac{.236}{6.00}$ | $\frac{.590}{15.00}$ |
| 08 | $\frac{.748}{19.00}$ | $\frac{.354}{9.00}$ | $\frac{.709}{18.00}$ |
| 10 | $\frac{.866}{22.00}$ | $\frac{.472}{12.00}$ | $\frac{.827}{21.00}$ |
| 12 | $\frac{.984}{25.00}$ | $\frac{.590}{15.00}$ | $\frac{.945}{24.00}$ |
| 14 | $\frac{1.102}{28.00}$ | $\frac{.709}{18.00}$ | $\frac{1.063}{27.00}$ |
| 16 | $\frac{1.220}{31.00}$ | $\frac{.827}{21.00}$ | $\frac{1.181}{30.00}$ |
| 18 | $\frac{1.338}{34.00}$ | $\frac{.945}{24.00}$ | $\frac{1.299}{33.00}$ |
| 20 | $\frac{1.457}{37.00}$ | $\frac{1.063}{27.00}$ | $\frac{1.417}{36.00}$ |
| 22 | $\frac{1.575}{40.00}$ | $\frac{1.181}{30.00}$ | $\frac{1.535}{39.00}$ |
| 24 | $\frac{1.693}{43.00}$ | $\frac{1.299}{33.00}$ | $\frac{1.653}{42.00}$ |



PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS .062/1.57

NOTES :

- MATERIALS -
HOUSING : NYLON , GLASS-FILLED, UL94V-0 COLOR - BLACK
TERMINAL : BRASS ALLOY
- FINISH:
A = .000200/(0.00508) MIN. TIN OVER .000050/(0.00127) MIN. NICKEL.
B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA,
.000100/(0.00254) MIN. SELECT TIN ON SOLDER TAILS,
BOTH OVER .000050/(0.00127) MIN. NICKEL.
C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA,
.000100/(0.00254) MIN. SELECT TIN ON SOLDER TAILS,
BOTH OVER .000050/(0.00127) MIN. NICKEL.
* 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
IN THE PC TAIL AREA.
- PRODUCT SPECIFICATION : PS-44300-001
- PACKAGING SPECIFICATION : PK-44432-001
- THIS ASSEMBLY MATES WITH MOLEX BMI PANEL MOUNT RECEPTACLE
(SEE DRAWING SD-44133-001 & FEMALE CRIMP TERMINAL (SEE DRAWING SD-43030-****))
- SEE SHEET 2 FOR PART NUMBER CHART.

| | | | | | | | |
|---|---------------------------|--|--|---|---------------------------------------|---|--------------------|
| LEAD FREE EC NO. UCP2004-1728 DRAWN: JERRY 2004/03/12 CHKD: 2004/03/31 APPR: F SMITH 2004/04/05 | QUALITY SYMBOLS 0 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DIMENSION STYLE IN/MM | | TITLE MICRO FIT (3.0) DUAL ROW VERTICAL BMI HEADER ASS'Y | |
| DESCRIPTION | | 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.38 ± --- ANGULAR ±1/2° | | DRAWN BY MUELLER DATE 1999/11/29 | CHECKED BY MUELLER DATE 1999/11/29 | MATERIAL NO. SEE CHART DOCUMENT NO. SD-44432-001 SHEET NO. 1 OF 2 | |
| REV | | APPROVED BY EDGLEY DATE 1999/11/30 | | MOLEX INCORPORATED THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 44432 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------------|---------------------------------------|-----------------------|------------------------|----------------------------------|------------------------------------|------------------------------------|-------------------------------|---------------------------|--|---|-------|--|-------------------------------|-------------|---------------------------------------|--|-----------|---------------------|------------------------|--------------------|----------------------|-----------------------|------------------------|----------------------|----------------|------------------------|-------------------------------|-----------------------|--|--|--|--|--|--|--|----------------------------------|------------------------------------|------------------------------------|------------------------|---------------------------|------------------|---|--|--|--|--|--|--|--|--|--|--|--|--|
| | MATERIAL NUMBER | NUMBER OF POSITIONS | PLATING OPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | 44432-0401 | 04 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0402 | 04 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0403 | 04 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I | 44432-0601 | 06 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0602 | 06 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0603 | 06 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0801 | 08 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0802 | 08 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-0803 | 08 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| H | 44432-1001 | 10 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1002 | 10 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1003 | 10 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| G | 44432-1201 | 12 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1202 | 12 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1203 | 12 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1401 | 14 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1402 | 14 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1403 | 14 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 44432-1601 | 16 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1602 | 16 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1603 | 16 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1801 | 18 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1802 | 18 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-1803 | 18 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | 44432-2001 | 20 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2002 | 20 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2003 | 20 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | 44432-2201 | 22 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2202 | 22 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2203 | 22 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2401 | 24 | A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2402 | 24 | B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 44432-2403 | 24 | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | POLARIZATION LAYOUT 4-24 CIRCUITS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | <table border="1"> <tr> <td rowspan="2">REDRAWN EC NO. UCP2004-1228 DRAWN: JERRY 2004/03/12 CHKD: 2004/03/31 APPR: F. SMITH 2004/04/05</td> <td rowspan="2">QUALITY SYMBOLS ▽ 0 ▽ 0</td> <td rowspan="2">DESCRIPTION</td> <td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td> <td>SCALE 4:1</td> <td>DESIGN UNITS METRIC</td> <td>THIRD ANGLE PROJECTION</td> <td>REVISE ON CAD ONLY</td> </tr> <tr> <td>4 PLACES ± --- ± ---</td> <td>3 PLACES ± --- ± .010</td> <td>2 PLACES ± 0.25 ± .015</td> <td>1 PLACE ± 0.36 ± ---</td> <td>ANGULAR ± 1/2°</td> <td>DRAFT WHERE APPLICABLE</td> <td>MUST REMAIN WITHIN DIMENSIONS</td> <td>DIMENSION STYLE IN/MM</td> <td>TITLE MICRO FIT (3.0) DUAL ROW VERTICAL BMI HEADER ASS'Y</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>DRAWN BY MUELLER DATE 1999/11/29</td> <td>CHECKED BY MUELLER DATE 1999/11/29</td> <td>APPROVED BY EDGLEY DATE 1999/11/30</td> <td>MATERIAL NO. SEE CHART</td> <td>DOCUMENT NO. SD-44432-001</td> <td>SHEET NO. 2 OF 2</td> </tr> <tr> <td colspan="13" style="text-align: center;">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td> </tr> </table> | | | | | | | | | | | | | REDRAWN EC NO. UCP2004-1228 DRAWN: JERRY 2004/03/12 CHKD: 2004/03/31 APPR: F. SMITH 2004/04/05 | QUALITY SYMBOLS ▽ 0 ▽ 0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .010 | 2 PLACES ± 0.25 ± .015 | 1 PLACE ± 0.36 ± --- | ANGULAR ± 1/2° | DRAFT WHERE APPLICABLE | MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE IN/MM | TITLE MICRO FIT (3.0) DUAL ROW VERTICAL BMI HEADER ASS'Y | | | | | | | DRAWN BY MUELLER DATE 1999/11/29 | CHECKED BY MUELLER DATE 1999/11/29 | APPROVED BY EDGLEY DATE 1999/11/30 | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-44432-001 | SHEET NO. 2 OF 2 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |
| REDRAWN EC NO. UCP2004-1228 DRAWN: JERRY 2004/03/12 CHKD: 2004/03/31 APPR: F. SMITH 2004/04/05 | QUALITY SYMBOLS ▽ 0 ▽ 0 | DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | SCALE 4:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | REVISE ON CAD ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± .010 | 2 PLACES ± 0.25 ± .015 | 1 PLACE ± 0.36 ± --- | ANGULAR ± 1/2° | DRAFT WHERE APPLICABLE | MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE IN/MM | TITLE MICRO FIT (3.0) DUAL ROW VERTICAL BMI HEADER ASS'Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | DRAWN BY MUELLER DATE 1999/11/29 | CHECKED BY MUELLER DATE 1999/11/29 | APPROVED BY EDGLEY DATE 1999/11/30 | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-44432-001 | SHEET NO. 2 OF 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | tb_frame_C_P_ME_T Rev. C 2002/05/05 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |