



NOTES:

1. MATERIAL: SEE TABLE
2. FINISHES: SEE TABLE
3. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
4. ALL COMPONENTS ARE ROHS COMPLIANT.

REF. REPLACES DRAWING SD-38789-003

| | | | | |
|------|-------|--|---------------|--------------------|
| 7 | 2(XX) | SCREW W/WASHER, #6-32, PHIL-SLOT (OPT -50) | STEEL | ZN, CLEAR CHROMATE |
| 6 | 2(XX) | SCREW, #6-32, PHIL-SLOT (OPT -49) | BRASS | NICKEL PLATED |
| 5 | 2(XX) | SCREW, #6-32, SLOTTED (OPT -45) | STEEL | ZN, CLEAR CHROMATE |
| 4 | 2(XX) | SCREW, #6-32, PHIL-SLOT (STD) | STEEL | ZN, CLEAR CHROMATE |
| 3 | XX | TERMINAL (USE W/OPT -49 SCREW) | BRASS | TIN PLATED |
| 2 | XX | TERMINAL, PLATE | BRASS | NICKEL PLATED |
| 1 | 1 | INSULATOR, DOUBLE ROW | THERMOPLASTIC | BLACK |
| ITEM | QTY. | DESCRIPTION | MATERIAL | FINISH |

| | |
|--|-----------------|
| CHANGE DIM °C EC NO: ETC2007-0306 DRAWN: CLYORK 2007/03/26 CHKD: JMACNEIL 2007/04/03 APPR: JMACNEIL 2007/04/03 | QUALITY SYMBOLS |
| | ▼=0 ▽=0 |
| | DESCRIPTION |
| | REV |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | | | |
|---|--------|--------|------|----------|-------|-------|----------|-------|--------|----------|--------|-------|---------|-------|-------|
| <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± .005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± .01</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± ---</td> </tr> </table> | | mm | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± .005 | 2 PLACES | ± 0.13 | ± .01 | 1 PLACE | ± 0.3 | ± --- |
| | mm | INCH | | | | | | | | | | | | | |
| 4 PLACES | ± --- | ± --- | | | | | | | | | | | | | |
| 3 PLACES | ± --- | ± .005 | | | | | | | | | | | | | |
| 2 PLACES | ± 0.13 | ± .01 | | | | | | | | | | | | | |
| 1 PLACE | ± 0.3 | ± --- | | | | | | | | | | | | | |
| ANGULAR ± 2° | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | | | | | |

| | |
|-----------------|----------|
| DIMENSION STYLE | |
| MM/IN | |
| DRAWN BY | DATE |
| W. HOWARD | 08-28-03 |
| CHECKED BY | DATE |
| R. KEMP | 09-04-03 |
| APPROVED BY | DATE |
| P. WALTZ | 09-05-03 |
| MATERIAL NO. | |
| SEE SHEET 2 | |
| SIZE | B |

| | | | | |
|---|-----|--------------|--------------|------------------------|
| SCALE | 1:1 | DESIGN UNITS | INCH | THIRD ANGLE PROJECTION |
| 11.11MM [.438] DR BTS, CB ASY | | | | |
| MOLEX INCORPORATED | | | DOCUMENT NO. | SHEET NO. |
| | | | SD-38780-001 | 1 OF 2 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

(E)

| NUMBER OF CIRCUITS "XX" | DIM. "A" | | DIM. "B" | | DIM. "C" | | MATERIAL NO. (STD) | MATERIAL NO. (-45 OPT) | MATERIAL NO. (-49 OPT) | MATERIAL NO. (-50 OPT) | MATERIAL NO. (-10A IMP OPT) |
|-------------------------|----------|---------|----------|----------|----------|----------|--------------------|------------------------|------------------------|------------------------|-----------------------------|
| 02 | 41.3 | [1.62] | 11.11 | [.438] | 32.83 | [1.293] | 38780-0102 | | 38780-0202 | 38780-0302 | 38780-0502 |
| 03 | 52.4 | [2.06] | 22.23 | [.875] | 43.94 | [1.730] | 38780-0103 | 38789-0206 | 38780-0203 | 38780-0303 | 38780-0503 |
| 04 | 63.5 | [2.50] | 33.34 | [1.313] | 55.05 | [2.168] | 38780-0104 | 38789-0207 | 38780-0204 | 38780-0304 | 38780-0504 |
| 05 | 74.6 | [2.94] | 44.45 | [1.750] | 66.17 | [2.605] | 38780-0105 | | 38780-0205 | 38780-0305 | 38780-0505 |
| 06 | 85.7 | [3.37] | 55.56 | [2.188] | 77.28 | [3.043] | 38780-0106 | 38789-0209 | 38780-0206 | 38780-0306 | 38780-0506 |
| 07 | 96.8 | [3.81] | 66.68 | [2.625] | 88.39 | [3.480] | 38780-0107 | | 38780-0207 | 38780-0307 | 38780-0507 |
| 08 | 107.9 | [4.25] | 77.79 | [3.063] | 99.50 | [3.918] | 38780-0108 | | 38780-0208 | 38780-0308 | 38780-0508 |
| 09 | 119.0 | [4.69] | 88.90 | [3.500] | 110.62 | [4.355] | 38780-0109 | | 38780-0209 | 38780-0309 | 38780-0509 |
| 10 | 130.2 | [5.12] | 100.01 | [3.938] | 121.73 | [4.793] | 38780-0110 | 38789-0211 | 38780-0210 | 38780-0310 | 38780-0510 |
| 11 | 141.3 | [5.56] | 111.13 | [4.375] | 132.84 | [5.230] | 38780-0111 | | 38780-0211 | 38780-0311 | 38780-0511 |
| 12 | 152.4 | [6.00] | 122.24 | [4.813] | 143.95 | [5.668] | 38780-0112 | | 38780-0212 | 38780-0312 | 38780-0512 |
| 13 | 163.5 | [6.44] | 133.35 | [5.250] | 155.07 | [6.105] | 38780-0113 | | 38780-0213 | 38780-0313 | 38780-0513 |
| 14 | 174.6 | [6.87] | 144.46 | [5.688] | 166.18 | [6.543] | 38780-0114 | | 38780-0214 | 38780-0314 | 38780-0514 |
| 15 | 185.7 | [7.31] | 155.58 | [6.125] | 177.29 | [6.980] | 38780-0115 | | 38780-0215 | 38780-0315 | 38780-0515 |
| 16 | 196.8 | [7.75] | 166.69 | [6.563] | 188.40 | [7.418] | 38780-0116 | 38789-0212 | 38780-0216 | 38780-0316 | 38780-0516 |
| 17 | 207.9 | [8.19] | 177.80 | [7.000] | 199.52 | [7.855] | 38780-0117 | | 38780-0217 | 38780-0317 | 38780-0517 |
| 18 | 219.1 | [8.62] | 188.91 | [7.438] | 210.63 | [8.293] | 38780-0118 | | 38780-0218 | 38780-0318 | 38780-0518 |
| 19 | 230.2 | [9.06] | 200.03 | [7.875] | 221.74 | [8.730] | 38780-0119 | | 38780-0219 | 38780-0319 | 38780-0519 |
| 20 | 241.3 | [9.50] | 211.14 | [8.313] | 232.85 | [9.168] | 38780-0120 | | 38780-0220 | 38780-0320 | 38780-0520 |
| 21 | 252.4 | [9.94] | 222.25 | [8.750] | 243.97 | [9.605] | 38780-0121 | | 38780-0221 | 38780-0321 | 38780-0521 |
| 22 | 263.5 | [10.37] | 233.36 | [9.188] | 255.08 | [10.043] | 38780-0122 | | 38780-0222 | 38780-0322 | 38780-0522 |
| 23 | 274.6 | [10.81] | 244.48 | [9.625] | 266.19 | [10.480] | 38780-0123 | | 38780-0223 | 38780-0323 | 38780-0523 |
| 24 | 285.7 | [11.25] | 255.59 | [10.063] | 277.30 | [10.918] | 38780-0124 | | 38780-0224 | 38780-0324 | 38780-0524 |
| 25 | 296.8 | [11.69] | 266.70 | [10.500] | 288.42 | [11.355] | 38780-0125 | | 38780-0225 | 38780-0325 | 38780-0525 |
| 26 | 308.0 | [12.12] | 277.81 | [10.938] | 299.53 | [11.793] | 38780-0126 | | 38780-0226 | 38780-0326 | 38780-0526 |
| 27 | 319.1 | [12.56] | 288.93 | [11.375] | 310.64 | [12.230] | 38780-0127 | | 38780-0227 | 38780-0327 | 38780-0527 |
| 28 | 330.2 | [13.00] | 300.04 | [11.813] | 321.75 | [12.668] | 38780-0128 | | 38780-0228 | 38780-0328 | 38780-0528 |
| 29 | 341.3 | [13.44] | 311.15 | [12.250] | 332.87 | [13.105] | 38780-0129 | | 38780-0229 | 38780-0329 | 38780-0529 |
| 30 | 352.4 | [13.87] | 322.26 | [12.688] | 343.98 | [13.543] | 38780-0130 | | 38780-0230 | 38780-0330 | 38780-0530 |

| | | | | | | |
|--|--------------------|---|---|---|--|---|
| SEE SHEET 1 EC NO: ETC2007-0306 DRAWN: CLYORK 2007/03/26 CHKD: JMAGNEIL 2007/04/03 APPR: JMAGNEIL 2007/04/03 | DESCRIPTION REV | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.3 ± --- ANGULAR ± 2° | DIMENSION STYLE MM/IN DRAWN BY DATE W. HOWARD 08-28-03 CHECKED BY DATE R. KEMP 09-04-03 APPROVED BY DATE P. WALTZ 09-05-03 | SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION | TITLE 11.11MM [.438] DR BTS, CB ASY |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. SEE CHART | MOLEX INCORPORATED DOCUMENT NO. SD-38780-001 | SHEET NO. 2 OF 2 | |
| | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | SIZE B | | | | |