



- NOTES:
1. MATERIAL: SEE TABLE
  2. FINISHES: SEE TABLE
  3. PRODUCT SPECIFICATION: NOT REQUIRED
  4. PACKAGING: NOT REQUIRED
  5. MATES WITH: NONE
  6. "XX" REFERS TO NUMBER OF CIRCUITS.

| ITEM | QTY. | DESCRIPTION                          | MATERIAL      | FINISH               |
|------|------|--------------------------------------|---------------|----------------------|
| 6    | XX   | #6-32 PH/SLOT SCREW W/WASH (OPT -50) | STEEL         | Z(NC)/CLEAR CHROMATE |
| 5    | XX   | #6-32 PH/SLOTTED SCREW (OPT -49)     | BRASS         | NICKEL               |
| 4    | XX   | #6-32 PH/SLOTTED SCREW (STD)         | STEEL         | Z(NC)/CLEAR CHROMATE |
| 3    | XX   | TERMINAL                             | BRASS         | TIN                  |
| 2    | 2    | MOUNTING PLATE                       | BRASS         | NICKEL               |
| 1    | 1    | INSULATOR                            | THERMOPLASTIC | BLACK                |

|                 |              |
|-----------------|--------------|
| EC NO. RELEASED | WH (1-13)-03 |
| DRWN: CHFK      | APPR:        |
| REV: A          | DESCRIPTION: |

| GENERAL TOLERANCES: (UNLESS SPECIFIED) |             |
|--|-------------|
|  | (INCH)      |
| 4 PLACES                               | ±.0015      |
| 3 PLACES                               | ±.038 ±.005 |
| 2 PLACES                               | ±.11 ±.01   |
| 1 PLACE                                | ±.3         |
| ANGULAR                                | ±2°         |

|                                    |  |
|------------------------------------|--|
| SCALE: 2:1                         | DESIGN UNITS: <input type="checkbox"/> MM <input checked="" type="checkbox"/> INCH |
| DRAWN BY & DATE: W HOWARD 11-13-03 |  |
| CHECKED BY & DATE:                 |  |
| APPROVED BY & DATE:                |  |
| CAD FILE NAME: 718XX               | THIRD ANGLE PROJECTION   |

|   |                          |                  |
|---|--------------------------|------------------|
| PROJECT NO.:  | SHR                      | REV              |
| DIMENSIONS: <input checked="" type="checkbox"/> DIM INCH <input type="checkbox"/> DIM MM <input type="checkbox"/> DIM INCH ONLY | REVISE ON CAD ONLY       |                  |
| TITLE: SR BT5 PC RA ASSEMBLY  |                          |                  |
| MOLEX INCORPORATED  |                          |                  |
| MATERIAL NO. SEE CHART  | DRAWING NO. SD-38711-001 | SHEET NO. 1 OF 2 |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.  |                          | SIZE B           |

| MATERIAL NO.<br>(OPT -49) | MATERIAL NO.<br>(OPT -50) | MATERIAL NO.<br>(510) | NUMBER OF<br>CIRCUITS "XX" | DIM.<br>"A" | DIM.<br>"B" | DIM.<br>"C" |       |       |       |
|---------------------------|---------------------------|-----------------------|----------------------------|-------------|-------------|-------------|-------|-------|-------|
| 38711-5502                | 38711-5802                | 38711-5202            | 02                         | 40.2        | 11.581      | 9.53        | 1.375 | 28.6  | 11.13 |
| 38711-5503                | 38711-5803                | 38711-5203            | 03                         | 49.7        | 11.961      | 19.05       | 1.750 | 38.1  | 11.50 |
| 38711-5504                | 38711-5804                | 38711-5204            | 04                         | 59.2        | 12.331      | 28.58       | 1.125 | 47.6  | 11.88 |
| 38711-5505                | 38711-5805                | 38711-5205            | 05                         | 68.7        | 12.711      | 38.10       | 1.500 | 57.2  | 12.25 |
| 38711-5506                | 38711-5806                | 38711-5206            | 06                         | 78.3        | 13.081      | 47.63       | 1.875 | 66.7  | 12.63 |
| 38711-5507                | 38711-5807                | 38711-5207            | 07                         | 87.8        | 13.461      | 57.15       | 2.250 | 76.2  | 13.00 |
| 38711-5508                | 38711-5808                | 38711-5208            | 08                         | 97.3        | 13.831      | 66.68       | 2.625 | 85.7  | 13.38 |
| 38711-5509                | 38711-5809                | 38711-5209            | 09                         | 106.8       | 14.211      | 76.20       | 3.000 | 95.3  | 13.75 |
| 38711-5510                | 38711-5810                | 38711-5210            | 10                         | 116.4       | 14.581      | 85.73       | 3.375 | 104.8 | 14.13 |
| 38711-5511                | 38711-5811                | 38711-5211            | 11                         | 125.9       | 14.961      | 95.25       | 3.750 | 114.3 | 14.50 |
| 38711-5512                | 38711-5812                | 38711-5212            | 12                         | 135.4       | 15.331      | 104.78      | 4.125 | 123.8 | 14.88 |
| 38711-5513                | 38711-5813                | 38711-5213            | 13                         | 144.9       | 15.711      | 114.30      | 4.500 | 133.4 | 15.25 |
| 38711-5514                | 38711-5814                | 38711-5214            | 14                         | 154.5       | 16.081      | 123.83      | 4.875 | 142.9 | 15.63 |
| 38711-5515                | 38711-5815                | 38711-5215            | 15                         | 164.0       | 16.461      | 133.35      | 5.250 | 152.4 | 16.00 |
| 38711-5516                | 38711-5816                | 38711-5216            | 16                         | 173.5       | 16.831      | 142.88      | 5.625 | 161.9 | 16.38 |
| 38711-5517                | 38711-5817                | 38711-5217            | 17                         | 183.0       | 17.211      | 152.40      | 6.000 | 171.5 | 16.75 |
| 38711-5518                | 38711-5818                | 38711-5218            | 18                         | 192.6       | 17.581      | 161.93      | 6.375 | 181.0 | 17.13 |
| 38711-5519                | 38711-5819                | 38711-5219            | 19                         | 202.1       | 17.961      | 171.45      | 6.750 | 190.5 | 17.50 |
| 38711-5520                | 38711-5820                | 38711-5220            | 20                         | 211.6       | 18.331      | 180.98      | 7.125 | 200.0 | 17.88 |
| 38711-5521                | 38711-5821                | 38711-5221            | 21                         | 221.1       | 18.711      | 190.50      | 7.500 | 209.6 | 18.25 |
| 38711-5522                | 38711-5822                | 38711-5222            | 22                         | 230.7       | 19.081      | 200.03      | 7.875 | 219.1 | 18.63 |
| 38711-5523                | 38711-5823                | 38711-5223            | 23                         | 240.2       | 19.461      | 209.55      | 8.250 | 228.6 | 19.00 |
| 38711-5524                | 38711-5824                | 38711-5224            | 24                         | 249.7       | 19.831      | 219.08      | 8.625 | 238.1 | 19.38 |
| 38711-5525                | 38711-5825                | 38711-5225            | 25                         | 259.2       | 20.211      | 228.60      | 9.000 | 247.7 | 19.75 |
| 38711-5526                | 38711-5826                | 38711-5226            | 26                         | 268.8       | 20.581      | 238.13      | 9.375 | 257.2 | 20.13 |

|  |  |   |  |  |   |  |
|--|--|---|--|--|---|--|
| EC NO. SEE SHT 1<br>DRWG: N/A<br>CHK: A<br>APPR: A |  | QUALITY SYMBOLS<br>MAJOR<br>DRITICAL<br>SPC | GENERAL TOLERANCES:<br>UNLESS SPECIFIED<br>mm      INCH<br>4 PLACES ±.0015<br>3 PLACES ±.008      ±.005<br>2 PLACES ±.13      ±.01<br>1 PLACE ±.3<br>ANGULAR: ±2°<br>DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS | SCALE: N/A<br>DESIGN UNITS: <input type="checkbox"/> MM <input checked="" type="checkbox"/> INCH<br>DRAWN BY & DATE:<br>W HOWARD 11-13-03<br>CHECKED BY & DATE:<br>APPROVED BY & DATE:<br>CAD FILENAME:<br>718XX | PROJECT NO.:<br>SD-38711-001<br>DIMENSIONS:<br><input checked="" type="checkbox"/> MM (INCH) <input type="checkbox"/> INCH (MM) <input type="checkbox"/> MM ONLY<br>THIRD ANGLE PROJECTION<br>TITLE:<br>SR BTS PC RA ASSEMBLY<br>MOLEX INCORPORATED<br>MATERIAL NO. SEE CHART<br>DRAWING NO. SD-38711-001<br>SHEET NO. 2 OF 2<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | SHT: -<br>REV: -<br>REVISE ON CAD ONLY |
|--|--|---|--|--|---|--|

