

## Excellent Integrated System Limited

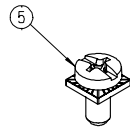
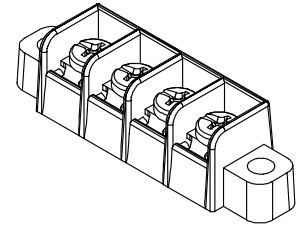
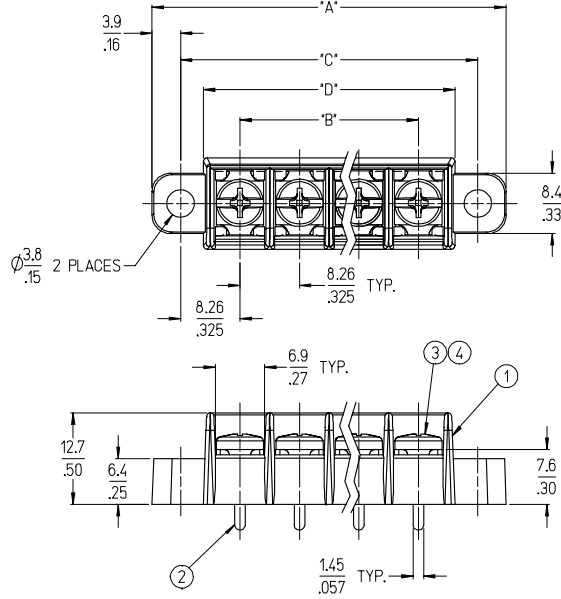
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

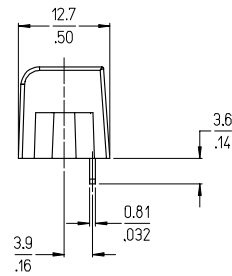
[Molex Connector Corporation](#)  
[0387044003](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

REF. -50 OPT. SCREW  
(WHERE APPLICABLE)

4 CIRCUIT SHOWN



## NOTES:

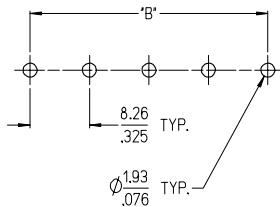
1. MATERIAL: SEE TABLE
2. FINISH: SEE TABLE
3. "XX" REFERS TO THE QUANTITY OF CIRCUITS.
4. ASSEMBLY IS ROHS COMPLIANT.

|   |    |                                               |       |                    |
|---|----|-----------------------------------------------|-------|--------------------|
| 5 | XX | SCREW&WASHER, #6-32X.25, PAN, PH/SL (-50 OPT) | STEEL | ZN, CLEAR CHROMATE |
| 4 | XX | SCREW, #6-32X.25, PAN, PH/SL (-49 OPT)        | BRASS | NICKEL PLATE       |
| 3 | XX | SCREW, #6-32X.25, PAN, PH/SL (STD.)           | STEEL | ZN, CLEAR CHROMATE |
| 2 | XX | TERMINAL, PC                                  | BRASS | TIN PLATE          |
| 1 | 1  | INSULATOR, SR, CS, PC                         | PBT   | BLACK              |

ITEM QTY. DESCRIPTION  
Rev. E 2006/04/15

|                                                                                                                                                                      |                               |                                       |                                                            |  |                                                                                                                                         |              |                                                                                                              |                                                                                                          |              |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------|------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------|-----------|
| INITIAL RELEASE<br>EC NO: ETC2007-0180<br>DRAWN BY: C. YORK<br>CHKD: J. MACNEIL<br>APPR: J. MACNEIL<br>DATE: 2006/11/08<br>DATE: 2006/11/08<br>DATE: 2006/11/08<br>A | QUALITY SYMBOLS<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE                                            |  | SCALE                                                                                                                                   | DESIGN UNITS |  THIRD ANGLE PROJECTION |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       | MM/IN                                                      |  | 2:1                                                                                                                                     | INCH         |                                                                                                              |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | DRAWN BY DATE                                                                                                                           |              |                                                                                                              | TITLE                                                                                                    |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | C. YORK 2006/11/08                                                                                                                      |              |                                                                                                              | 8.26MM [.325] SR BTS, CS<br>PC WITH MTG.                                                                 |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | CHECKED BY DATE                                                                                                                         |              |                                                                                                              |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | J. MACNEIL 2006/11/08                                                                                                                   |              |                                                                                                              |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | APPROVED BY DATE                                                                                                                        |              |                                                                                                              |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | J. MACNEIL 2006/11/08                                                                                                                   |              |                                                                                                              |  MOLEX INCORPORATED |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  | MATERIAL NO.                                                                                                                            |              |                                                                                                              |                                                                                                          | DOCUMENT NO. | SHEET NO. |
|                                                                                                                                                                      |                               |                                       |                                                            |  | SEE SHT. 2                                                                                                                              |              |                                                                                                              |                                                                                                          | SD-38704-003 | 1 OF 2    |
| A                                                                                                                                                                    | REV                           | DESCRIPTION                           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |  | SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                                                                                                              |                                                                                                          |              |           |
|                                                                                                                                                                      |                               |                                       |                                                            |  |                                                                                                                                         |              |                                                                                                              |                                                                                                          |              |           |

| NO. OF<br>CIRCUITS | DIM. "A" |      | DIM. "B" |       | DIM. "C" |       | DIM. "D" |      | ASSEMBLY<br>MATERIAL NO.<br>(STANDARD) | ASSEMBLY<br>MATERIAL NO.<br>(-49 OPT) | ASSEMBLY<br>MATERIAL NO.<br>(-50 OPT) |
|--------------------|----------|------|----------|-------|----------|-------|----------|------|----------------------------------------|---------------------------------------|---------------------------------------|
|                    | mm       | in   | mm       | in    | mm       | in    | mm       | in   |                                        |                                       |                                       |
| 02                 | 32.6     | 1.29 | 8.26     | .325  | 24.77    | .975  | 18.4     | .73  | 387044002                              | 387044402                             | 387044802                             |
| 03                 | 40.9     | 1.61 | 16.51    | .650  | 33.02    | 1.300 | 26.7     | 1.05 | 387044003                              | 387044403                             | 387044803                             |
| 04                 | 49.1     | 1.94 | 24.77    | .975  | 41.28    | 1.625 | 34.9     | 1.38 | 387044004                              | 387044404                             | 387044804                             |
| 05                 | 57.4     | 2.26 | 33.02    | 1.300 | 49.53    | 1.950 | 43.2     | 1.70 | 387044005                              | 387044405                             | 387044805                             |
| 06                 | 65.7     | 2.59 | 41.28    | 1.625 | 57.79    | 2.275 | 51.4     | 2.03 | 387044006                              | 387044406                             | 387044806                             |
| 07                 | 73.9     | 2.91 | 49.53    | 1.950 | 66.04    | 2.600 | 59.7     | 2.35 | 387044007                              | 387044407                             | 387044807                             |
| 08                 | 82.2     | 3.24 | 57.79    | 2.275 | 74.30    | 2.925 | 67.9     | 2.68 | 387044008                              | 387044408                             | 387044808                             |
| 09                 | 90.4     | 3.56 | 66.04    | 2.600 | 82.55    | 3.250 | 76.2     | 3.00 | 387044009                              | 387044409                             | 387044809                             |
| 10                 | 98.7     | 3.89 | 74.30    | 2.925 | 90.81    | 3.575 | 84.5     | 3.33 | 387044010                              | 387044410                             | 387044810                             |
| 11                 | 106.9    | 4.21 | 82.55    | 3.250 | 99.06    | 3.900 | 92.7     | 3.65 | 387044011                              | 387044411                             | 387044811                             |
| 12                 | 115.2    | 4.54 | 90.81    | 3.575 | 107.32   | 4.225 | 101.0    | 3.98 | 387044012                              | 387044412                             | 387044812                             |



RECOMMENDED PCB LAYOUT

|                                                                                                                                   |                                              |                                                            |                           |                                                                                                                                  |                     |                    |                                                   |                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------------------------------------------------|---------------------------|--|
| SEE SHEET 1<br>EC NO: ETC2007-0180<br>DRAWN: C.YORK 2006/11/20<br>CHKD: JMACNEIL 2006/11/21<br>APPR: JMACNEIL 2006/11/22<br>REV A | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>DESCRIPTION | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |                           | DIMENSION STYLE<br>MM/IN                                                                                                         |                     | SCALE<br>2:1       | DESIGN UNITS<br>INCH                              | THIRD ANGLE<br>PROJECTION |  |
|                                                                                                                                   |                                              |                                                            | mm                        | INCH                                                                                                                             | DRAWN BY<br>C. YORK | DATE<br>2006/11/08 | TITLE<br>8.26MM [.325] SR BTS, CS<br>PC WITH MTG. |                           |  |
|                                                                                                                                   |                                              | 4 PLACES ± --- ± ---                                       | CHECKED BY<br>J. MACNEIL  | DATE<br>2006/11/08                                                                                                               |                     |                    |                                                   |                           |  |
|                                                                                                                                   |                                              | 3 PLACES ± --- ± .005                                      | APPROVED BY<br>J. MACNEIL | DATE<br>2006/11/08                                                                                                               |                     |                    |                                                   |                           |  |
|                                                                                                                                   |                                              | 2 PLACES ± 0.13 ± .01                                      | MATERIAL NO.              |                                                                                                                                  | DOCUMENT NO.        |                    | SHEET NO.<br>2 OF 2                               |                           |  |
|                                                                                                                                   |                                              | 1 PLACE ± 0.3 ± ---                                        | ANGULAR ± 2 °             |                                                                                                                                  | MOLEX INCORPORATED  |                    |                                                   |                           |  |
|                                                                                                                                   |                                              | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                           | SEE CHART                                                                                                                        |                     | SD-38704-003       |                                                   |                           |  |
|                                                                                                                                   |                                              | SIZE B                                                     |                           | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                     |                    |                                                   |                           |  |