

## Excellent Integrated System Limited

Stocking Distributor

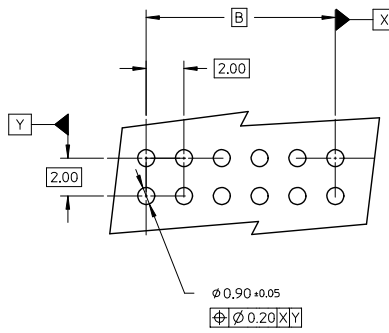
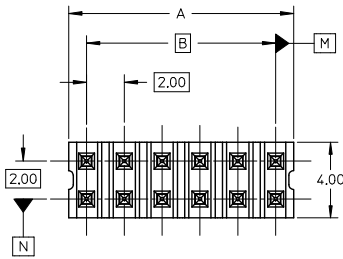
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0877583617](#)

For any questions, you can email us directly:

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

10 9 8 7 6 5 4 3 2 1



**LEGEND**

87758- \* \* \* \*

CKT SIZE  
(SEE SHT 2 TABLE)

PLATING  
(SEE NOTE 2)

**NOTES:**

**1. MATERIAL:**

HOUSING: 30% G.F. NYLON 46, 94V-0, COLOR: BLACK  
PIN: 0.50mm SQ. PHOSPHOR BRONZE 510

**2. PLATING:**

- \*\*16 - 0.38um MIN GOLD IN CONTACT AREA,  
TIN IN SOLDER AREA, BOTH OVER  
NICKEL OVERALL.
- \*\*17 - 0.76um MIN GOLD IN CONTACT AREA,  
TIN IN SOLDER AREA, BOTH OVER  
NICKEL OVERALL.
- \*\*18 - 2.54um MIN TIN OVER  
NICKEL OVERALL.
- \*\*19 - 0.05-0.25um GOLD IN CONTACT AREA,  
TIN IN SOLDER AREA, BOTH OVER  
NICKEL OVERALL.

**3. 12 CKT USED FOR ILLUSTRATION ONLY**

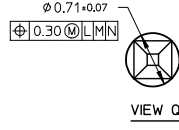
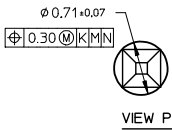
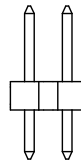
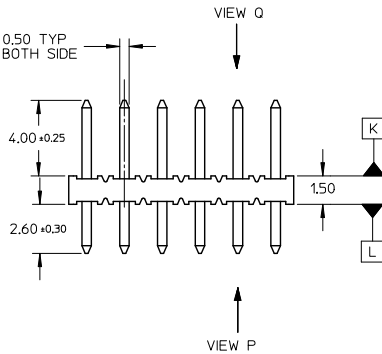
**4. PACKED IN POCKET TRAY**

**5. PIN PUSHOUT FORCE: 1KG MIN IN EITHER DIRECTION**

△ CKT 4 AND 6 IS CUT FROM CKT 8 AND 12 RESPECTIVELY.  
CKT 2 ARE CUT FROM ANY LARGER CKT SIZE.ROUGH EDGES  
ARE EXPECTED ALONG THE CUTTING EDGES.

**7. PRODUCT SPEC PS-87761-100 APPLIES.**

**8. RECOMMENDED PCB THICKNESS IS 1.60±0.10**



|                                                                                            |             |                 |                                                                                     |                 |       |             |                            |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|--------------------------------------------------------------------------------------------|-------------|-----------------|-------------------------------------------------------------------------------------|-----------------|-------|-------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|
| ADD DATUMS<br>EC NO: S2014-0031<br>DRAWN BY: KSEE<br>CHKD: SKANG<br>APPR: MLONG<br>REV: A4 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                               |                 |       |             | DIMENSION STYLE<br>MM ONLY |                                                                                                                                                                             | SCALE<br>NTS                 | DESIGN UNITS<br>METRIC |  THIRD ANGLE PROJECTION |                     |
|                                                                                            |             |                 |                                                                                     | mm              | INCH  | DRAWN BY    | DATE                       | TITLE                                                                                                                                                                       |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |  | 4 PLACES ± ---  | ± --- | KSEE        | 2003/10/30                 | SALES DRAWING<br>2MM DUAL ROW SINGLE<br>WAFER, VERTICAL T/H HDR<br> MOLEX INCORPORATED |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |  | 3 PLACES ± ---  | ± --- | CHECKED BY  | DATE                       |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |  | 2 PLACES ± 0.20 | ± --- | KCLING      | 2004/01/05                 |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |  | 1 PLACE ± ---   | ± --- | APPROVED BY | DATE                       |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |                                                                                     | ANGULAR ± 3 °   |       | SKTOH       | 2004/01/05                 |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                          |                 |       |             | MATERIAL NO.<br>SEE TABLE  |                                                                                                                                                                             | DOCUMENT NO.<br>SD-87758-107 |                        |                                                                                                              | SHEET NO.<br>1 OF 2 |
|                                                                                            |             |                 |                                                                                     |                 |       |             | SIZE<br>A3                 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                            |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |                                                                                     |                 |       |             |                            |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |                                                                                     |                 |       |             |                            |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |
|                                                                                            |             |                 |                                                                                     |                 |       |             |                            |                                                                                                                                                                             |                              |                        |                                                                                                              |                     |

tb\_frame\_A3\_P\_AM\_T  
Rev. F 2009/06/18