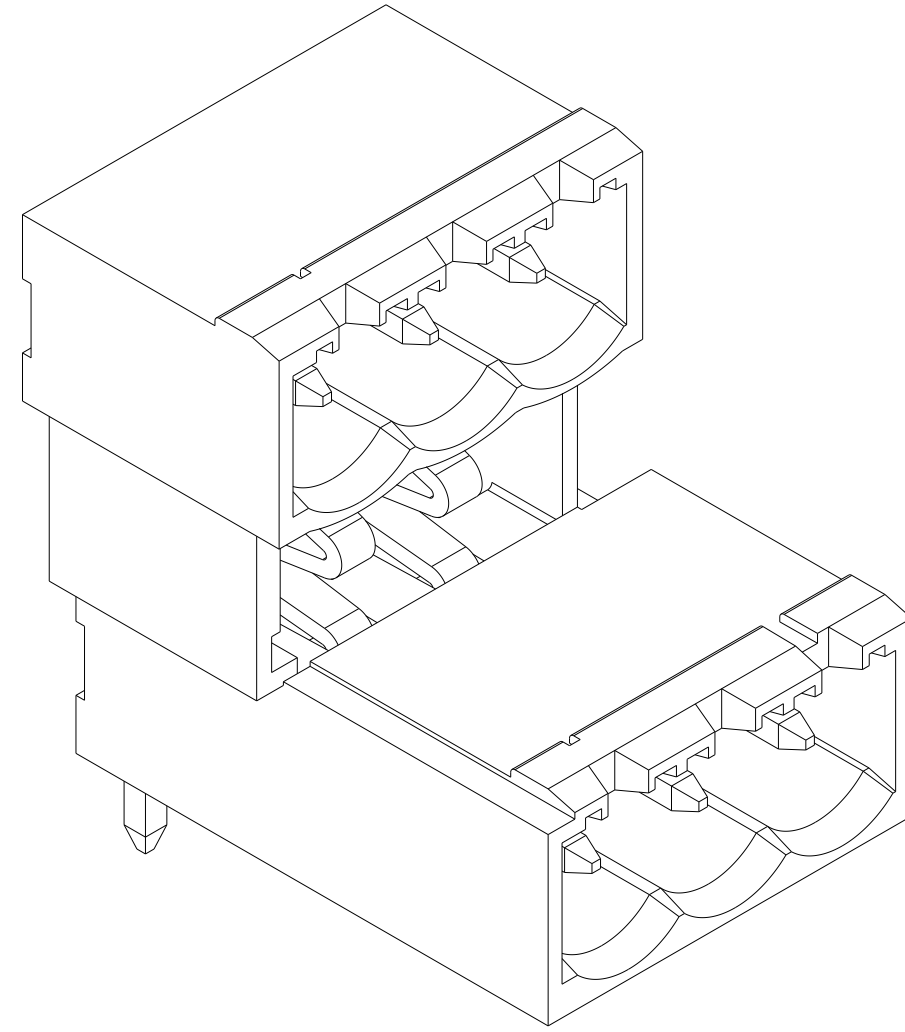
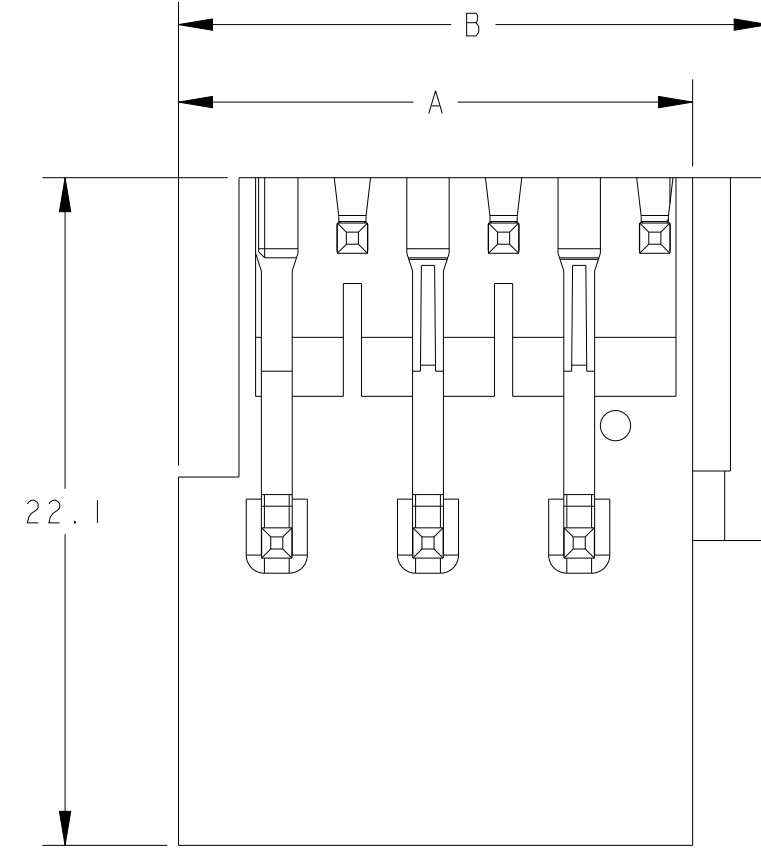
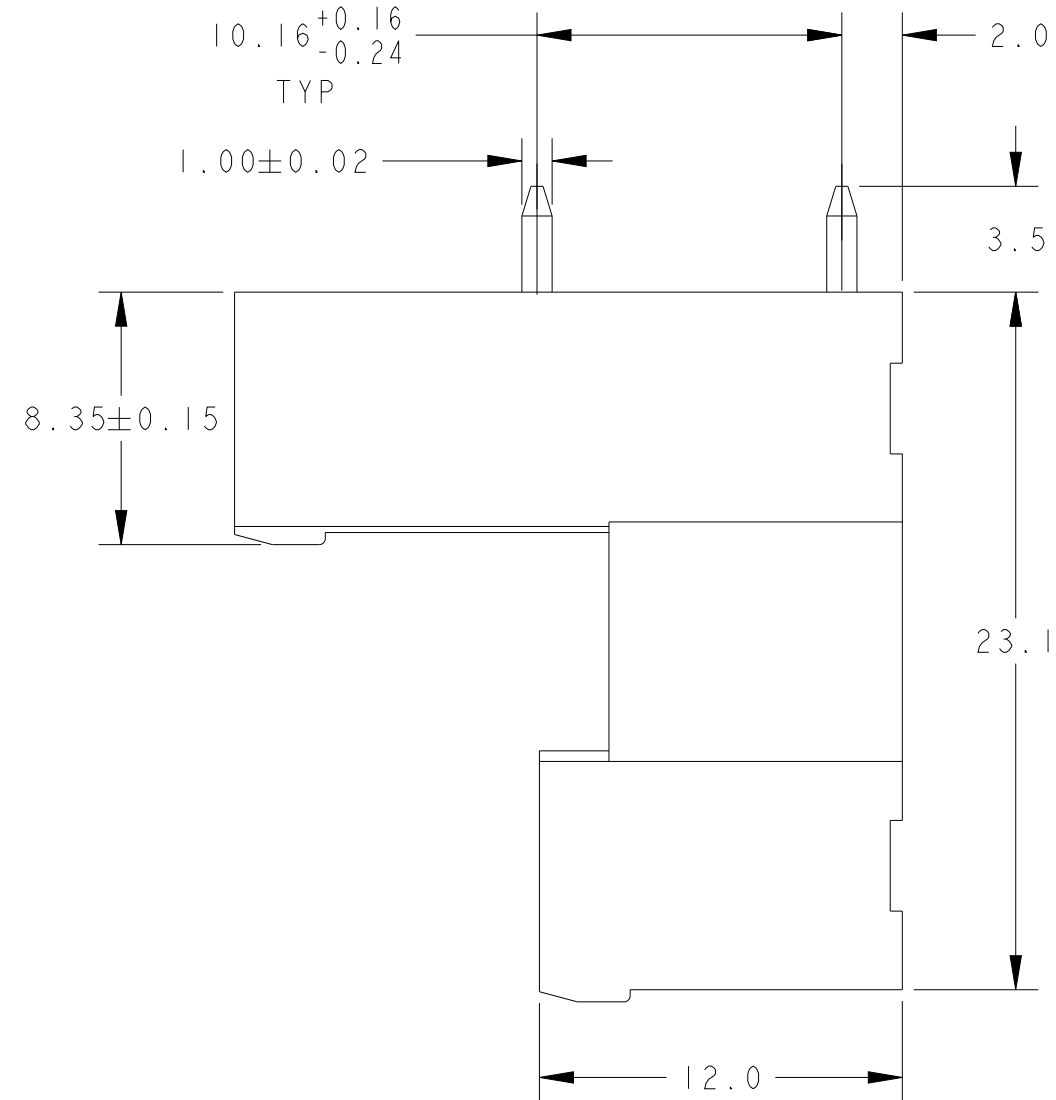
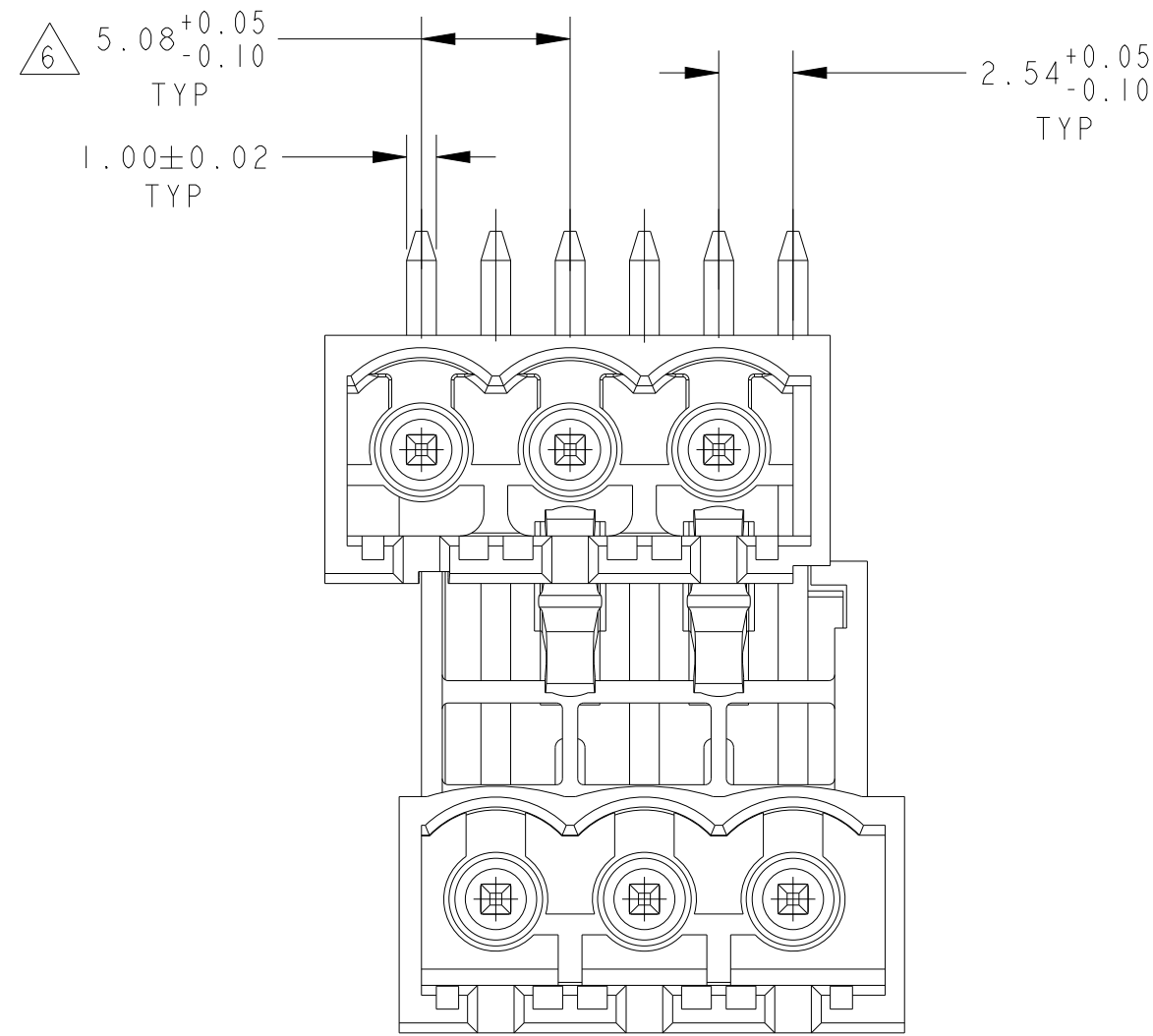
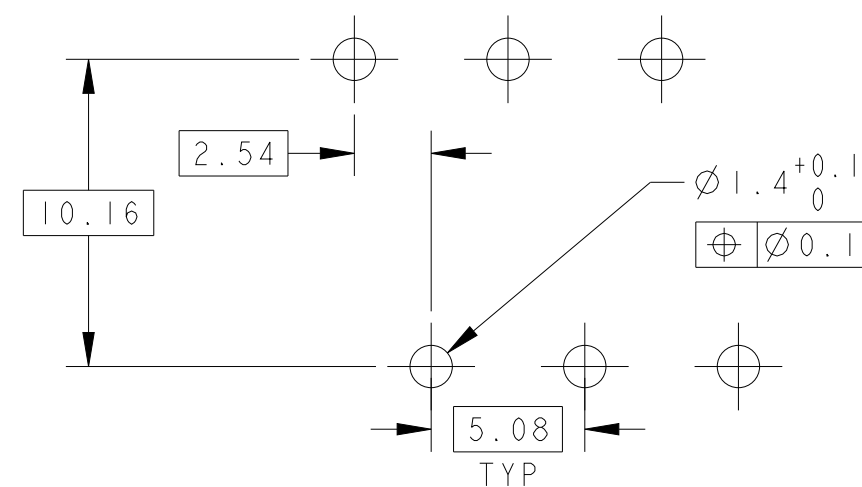




1776167-3 AS SHOWN



## RECOMMENDED PC BOARD LAYOUT



1. MATERIALS AND FINISH  
HOUSING: HIGH TEMPERATURE POLYAMIDE, UL 94V-0 RATED, COLOR: BLACK.  
TERMINAL: COPPER ALLOY, TIN PLATED.
2. SUITABLE FOR 1,6-2,4mm PC BOARD THICKNESS.
3. ELECTRICAL  
RATED VOLTAGE : 300 V  
RATED CURRENT : 12 A  
CONTACT RESISTANCE : < 15 mΩ  
INSULATION RESISTANCE: > 1000 MΩ (500V DC)
4. OPERATING TEMPERATURE RANGE: -40°C TO +110°C
5. P/N FROM 1776167-4 TO 1776167-8 ARE OBTAINED BY ASSEMBLING  
1776167-2 AND 1776167-3 TO ACHIEVE THE DESIRED NUMBER OF POSITIONS.

 NON CUMULATIVE TOLERANCE

|       |       |              |                |
|-------|-------|--------------|----------------|
| 44.94 | 42.44 | 8            | 1776167-8      |
| 39.86 | 37.36 | 7            | 1776167-7      |
| 34.74 | 32.24 | 6            | 1776167-6      |
| 29.70 | 27.20 | 5            | 1776167-5      |
| 24.66 | 22.16 | 4            | 1776167-4      |
| 19.50 | 17.00 | 3            | 1776167-3      |
| 14.50 | 12.00 | 2            | 1776167-2      |
| B     | A     | NO OF<br>POS | PART<br>NUMBER |

|                                                                                                   |  |                                                                                                                     |  |                                                                                                       |                         |
|---------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  | DWN<br>S. WELDON<br>9 JUL 2005                                                                                      |  |  TE Connectivity |                         |
|                                                                                                   |  | CHK<br>C. RICHARD<br>9 JUL 2005                                                                                     |  |                                                                                                       |                         |
| DIMENSIONS:<br>mm                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±.<br>1 PLC ±.3<br>2 PLC ±.25<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±2° |  | NAME<br>TERMINAL BLOCK HEADER ASSEMBLY,<br>MULTIPLE, 90 DEGREE, CLOSED ENDS,<br>5.08mm PITCH          |                         |
|              |  | APVD<br>C. RICHARD<br>9 JUL 2005<br>PRODUCT SPEC<br>-<br>APPLICATION SPEC<br>114-20079<br>WEIGHT<br>-               |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779      |
| MATERIAL<br> |  | FINISH<br>                     |  | DRAWING NO<br>C-1776167                                                                               | RESTRICTED TO           |
| CUSTOMER DRAWING                                                                                  |  |                                                                                                                     |  | SCALE<br>5:1                                                                                          | SHEET<br>OF<br>REV<br>D |

# Mouser Electronics

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[1776167-5](#)