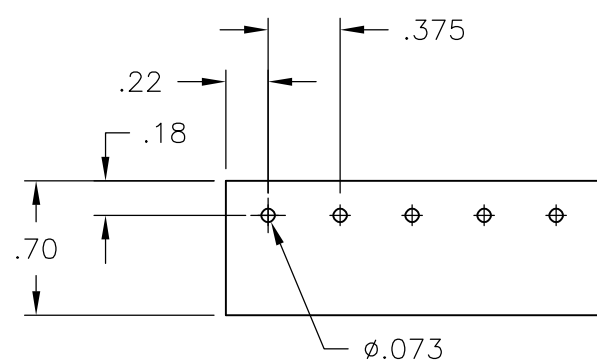
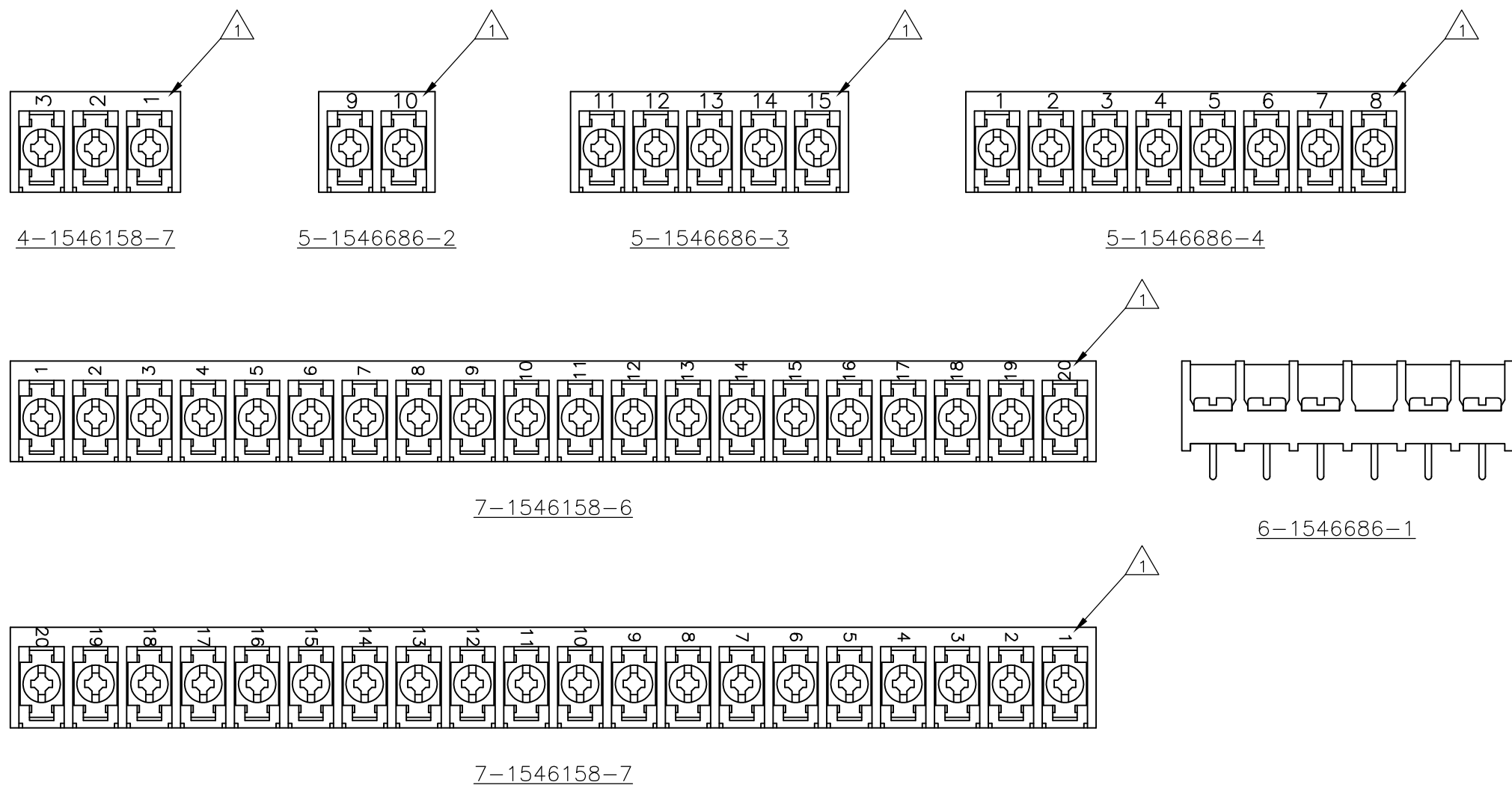
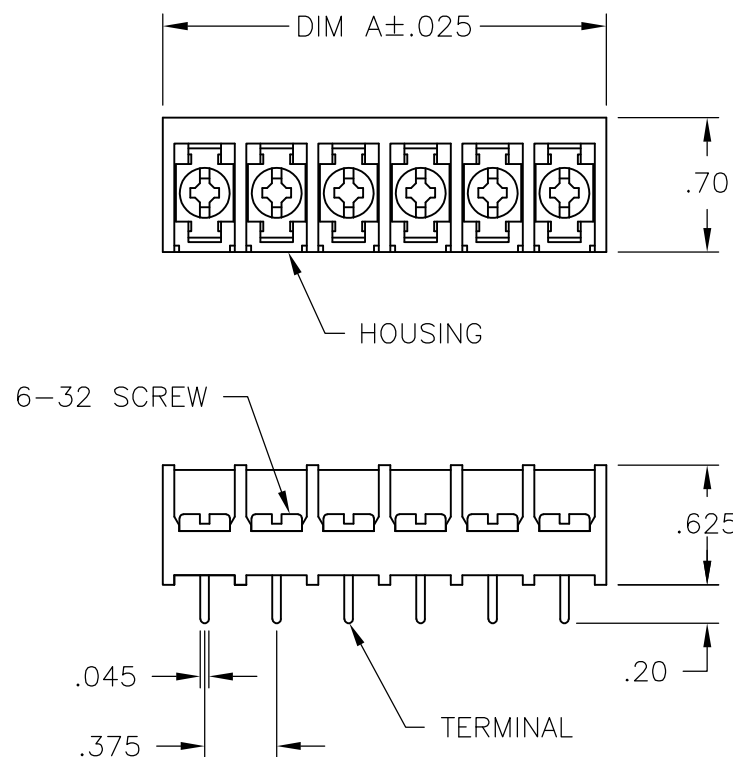


MATERIAL:  
HOUSING: THERMOPLASTIC, UL94V-0 BLACK.  
TERMINALS: BRIGHT TIN PLATED, COPPER ALLOY.  
SCREWS: 6-32, STEEL, ZINC PLATED WITH CLEAR CHROMATE.  
UNLESS OTHERWISE NOTED.

ELECTRICAL:  
RATED CURRENT UL/CSA:  
CLASS C: 25A, 300V.  
CLASS D: 5A, 600V.  
WIRE RANGE: 12-22 AWG

MECHANICAL:  
RECOMMENDED TIGHTENING TORQUE: 7 IN-LBS.  
OPERATING TEMP.: 105°C MAX

|                                                                                   |                                                   |
|-----------------------------------------------------------------------------------|---------------------------------------------------|
|  | MARK WITH WHITE PERMANENT INK.                    |
| 2                                                                                 | ALL SCREWS TO BE DRIVEN DOWN TO TERMINAL SURFACE. |
|  | STAINLESS STEEL SCREWS.                           |
|  | NICKEL PLATED BRASS SCREWS.                       |
|  | PRELIMINARY PART NUMBER.                          |



## RECOMMENDED PCB LAYOUT

|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| FT  | 0    | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | C4  | REVISED PER ECO-11-014078 | 12JUL11 | HMR | CR   |

|             |        |           |                |             |
|-------------|--------|-----------|----------------|-------------|
|             | 11.311 | 30        | 6PCV-30-007    | 8-1546158-7 |
| OBSOLETE    | 11.311 | 30        | 6PCV-30-007    | 1546814-2   |
|             | 10.936 | 29        | 6PCV-29-007    | 1546814-1   |
|             | 10.561 | 28        | 6PCV-28-007    | 2-1546686-1 |
|             | 10.186 | 27        | 6PCV-27-007    | 2-1546686-0 |
|             | 9.811  | 26        | 6PCV-26-007    | 8-1546158-4 |
|             | 9.436  | 25        | 6PCV-25-007    | 1-1546686-9 |
| △3          | 9.061  | 24        | 6PCV-24-723    | 3-1437654-8 |
|             | 9.061  | 24        | 6PCV-24-007    | 8-1546158-3 |
|             | 8.686  | 23        | 6PCV-23-007    | 1-1546686-8 |
|             | 8.311  | 22        | 6PCV-22-007    | 1-1546686-1 |
|             | 7.936  | 21        | 6PCV-21-007    | 1-1546686-6 |
| △3          | 7.561  | 20        | 6PCV-20-720    | 2-1437654-7 |
| SEE FIGURE  | 7.561  | 20        | 6PCV-20-1360   | 7-1546158-7 |
| SEE FIGURE  | 7.561  | 20        | 6PCV-20-1359   | 7-1546158-6 |
|             | 7.561  | 20        | 6PCV-20-007    | 7-1546158-3 |
|             | 7.186  | 19        | 6PCV-19-007    | 1-1546686-5 |
| △3          | 6.811  | 18        | 6PCV-18-1390   | 1546262-5   |
|             | 6.811  | 18        | 6PCV-18-007    | 1437654-8   |
| △3          | 6.436  | 17        | 6PCV-17-1206   | 1437654-1   |
|             | 6.436  | 17        | 6PCV-17-007    | 1-1546686-4 |
| △3          | 6.061  | 16        | 6PCV-16-719    | 9-1437653-4 |
|             | 6.061  | 16        | 6PCV-16-007    | 8-1437653-1 |
| △3          | 5.686  | 15        | 6PCV-15-993    | 7-1437653-6 |
|             | 5.686  | 15        | 6PCV-15-007    | 7-1437653-5 |
| △3          | 5.311  | 14        | 6PCV-14-1205   | 7-1437653-0 |
|             | 5.311  | 14        | 6PCV-14-007    | 6-1437653-7 |
| △3          | 4.936  | 13        | 6PCV-13-1194   | 6-1437653-5 |
|             | 4.936  | 13        | 6PCV-13-007    | 6-1546158-7 |
| △3          | 4.561  | 12        | 6PCV-12-718    | 5-1437653-8 |
|             | 4.561  | 12        | 6PCV-12-007    | 5-1437653-2 |
|             | 4.186  | 11        | 6PCV-11-007    | 1-1546686-3 |
| △4          | 3.811  | 10        | 6PCV-10-003    | 6-1546158-1 |
| △3          | 3.811  | 10        | 6PCV-10-1193   | 3-1437653-8 |
|             | 3.811  | 10        | 6PCV-10-007    | 3-1437653-6 |
| △5△4        | 3.436  | 9         | 6PCV-09-003    | 5-1546686-5 |
| △3          | 3.436  | 9         | 6PCV-09-1270   | 2-1437653-8 |
|             | 3.436  | 9         | 6PCV-09-007    | 2-1437653-6 |
| △1          | 3.061  | 8         | 6PCV-08-1397   | 5-1546686-4 |
| △3          | 3.061  | 8         | 6PCV-08-717    | 1-1437653-9 |
|             | 3.061  | 8         | 6PCV-08-007    | 1-1437653-4 |
|             | 2.686  | 7         | 6PCV-07-007    | 1437653-8   |
| △3          | 2.311  | 6         | 6PCV-06-716    | 1437653-1   |
|             | 2.311  | 6         | 6PCV-06-007    | 9-1437652-6 |
| FIGURE △1△5 | 2.311  | 5         | 6PCV-06-1173   | 6-1546686-1 |
| △1          | 1.936  | 5         | 6PCV-05-1396   | 5-1546686-3 |
| △3          | 1.936  | 5         | 6PCV-05-1341   | 8-1437652-6 |
|             | 1.936  | 5         | 6PCV-05-007    | 5-1546158-1 |
| △3          | 1.561  | 4         | 6PCV-04-715    | 7-1437652-5 |
|             | 1.561  | 4         | 6PCV-04-007    | 6-1437652-8 |
| SEE FIGURE  | 1.186  | 3         | 6PCV-03-1256   | 4-1546158-7 |
|             | 1.186  | 3         | 6PCV-03-003    | 1546119-2   |
|             | 1.186  | 3         | 6PCV-03-007    | 5-1437652-5 |
| △1          | .811   | 2         | 6PCV-02-1395   | 5-1546686-2 |
| △3          | .811   | 2         | 6PCV-02-1339   | 4-1437652-6 |
|             | .811   | 2         | 6PCV-02-007    | 4-1437652-0 |
|             | DIM A  | NO OF POS | CATALOG NUMBER | PART NO     |

|                                                                                       |  |                                                           |  |                               |  |                                                                                                       |  |
|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------|--|-------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>S. SCHLEGEL<br>CHK<br>S. YODER<br>APVD<br>S. YODER |  | 23APR03<br>4/23/04<br>4/23/04 |  |  TE Connectivity |  |
| DIMENSIONS:<br>INCHES                                                                 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                 |  | NAME                          |  | 6PCV-XX-007 ASSEMBLY                                                                                  |  |
|  |  |                                                           |  | PRODUCT SPEC<br>—             |  |                                                                                                       |  |
|                                                                                       |  |                                                           |  | APPLICATION SPEC<br>—         |  |                                                                                                       |  |
| MATERIAL<br>—                                                                         |  | FINISH<br>—                                               |  | WEIGHT<br>—                   |  | SIZE<br>A2                                                                                            |  |
|                                                                                       |  |                                                           |  | CAGE CODE<br>00779            |  | DRAWING NO<br>C-4-1437652-0                                                                           |  |
|                                                                                       |  |                                                           |  | CUSTOMER DRAWING              |  | SCALE<br>NTS                                                                                          |  |
|                                                                                       |  |                                                           |  |                               |  | SHEET<br>1 of 1                                                                                       |  |
|                                                                                       |  |                                                           |  |                               |  | REV<br>C4                                                                                             |  |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[6PCV-07-007](#)