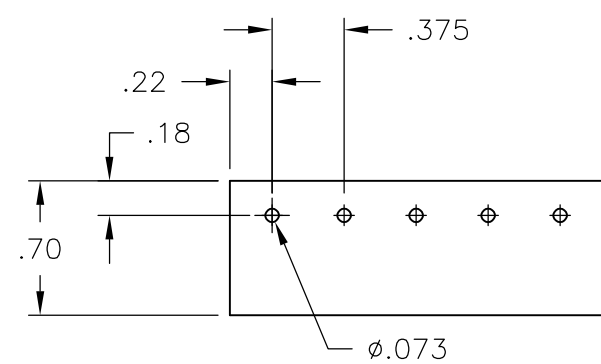
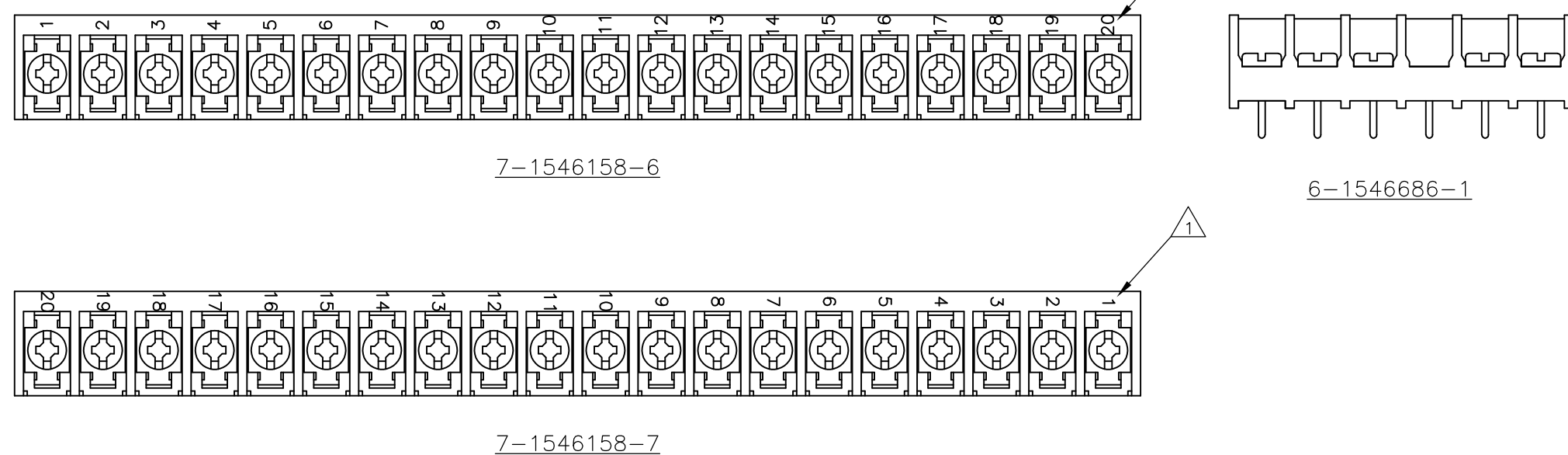
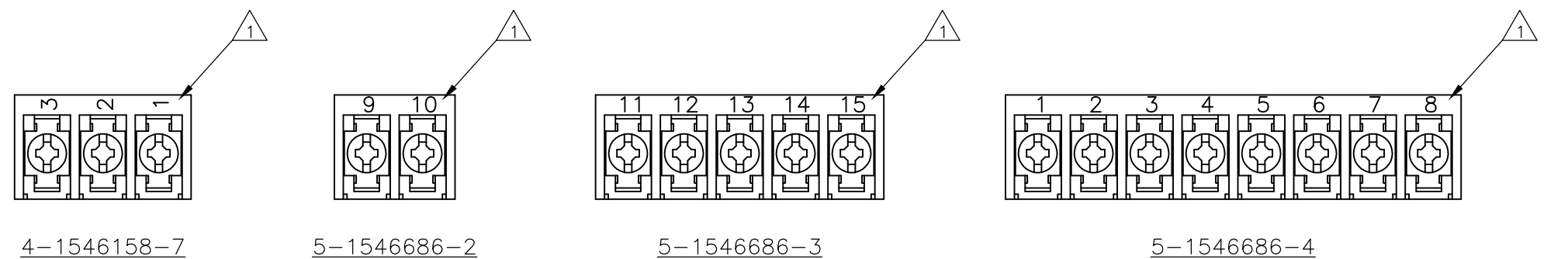
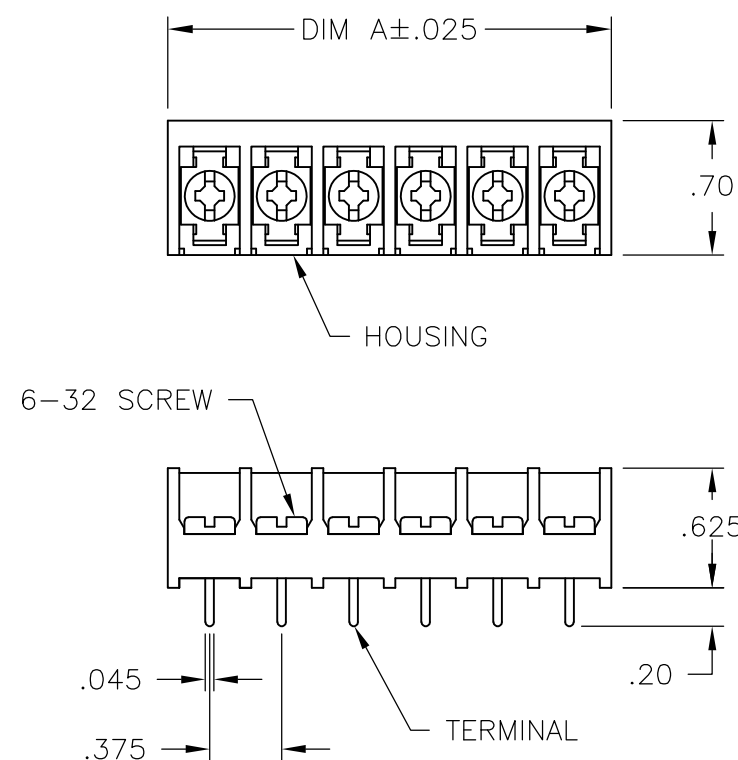


MATERIAL:  
HOUSING: THERMOPLASTIC, UL94V-0 BLACK.  
TERMINALS: BRIGHT TIN PLATED, COPPER ALLOY.  
SCREWS: 6-32, STEEL, ZINC PLATED WITH CLEAR CHROMATE.  
UNLESS OTHERWISE NOTED.

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.                    |
|  | ALL SCREWS TO BE DRIVEN DOWN TO TERMINAL SURFACE. |
|  | STAINLESS STEEL SCREWS.                           |
|  | NICKEL PLATED BRASS SCREWS.                       |
|  | PRELIMINARY PART NUMBER.                          |



## RECOMMENDED PCB LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

|              |         |
|--------------|---------|
| DWN          | 23APR03 |
| S SCHLEGEL   |         |
| CHK          | 4/23/04 |
| S YODER      |         |
| APVD         | 4/23/04 |
| S YODER      |         |
| PRODUCT SPEC |         |

APPLICATION SPEC

|  |        |
|--|--------|
|  | WEIGHT |
|--|--------|

CUSTOMER DRAWING

|                  |         |
|------------------|---------|
| DWN              | 23APR03 |
| S SCHLEGEL       |         |
| CHK              | 4/23/04 |
| S YODER          |         |
| APVD             | 4/23/04 |
| S YODER          |         |
| PRODUCT SPEC     |         |
| —                |         |
| APPLICATION SPEC |         |
| —                |         |
| WEIGHT           | —       |
| CUSTOMER DRAWING |         |

|                                                                                       |           |                 |               |
|---------------------------------------------------------------------------------------|-----------|-----------------|---------------|
|  |           | TE Connectivity |               |
|                                                                                       |           |                 |               |
| NAME                                                                                  |           |                 |               |
| 6PCV-XX-007 ASSEMBLY                                                                  |           |                 |               |
| SIZE                                                                                  | CAGE CODE | DRAWING NO      | RESTRICTED TO |
| A2                                                                                    | 00779     | C-4-1437652-0   | —             |
| SCALE                                                                                 |           | NTS             | SHEET 1 OF 1  |
|                                                                                       |           |                 | REV C4        |

|            |      |        |           |                |             |
|------------|------|--------|-----------|----------------|-------------|
|            |      | 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     |