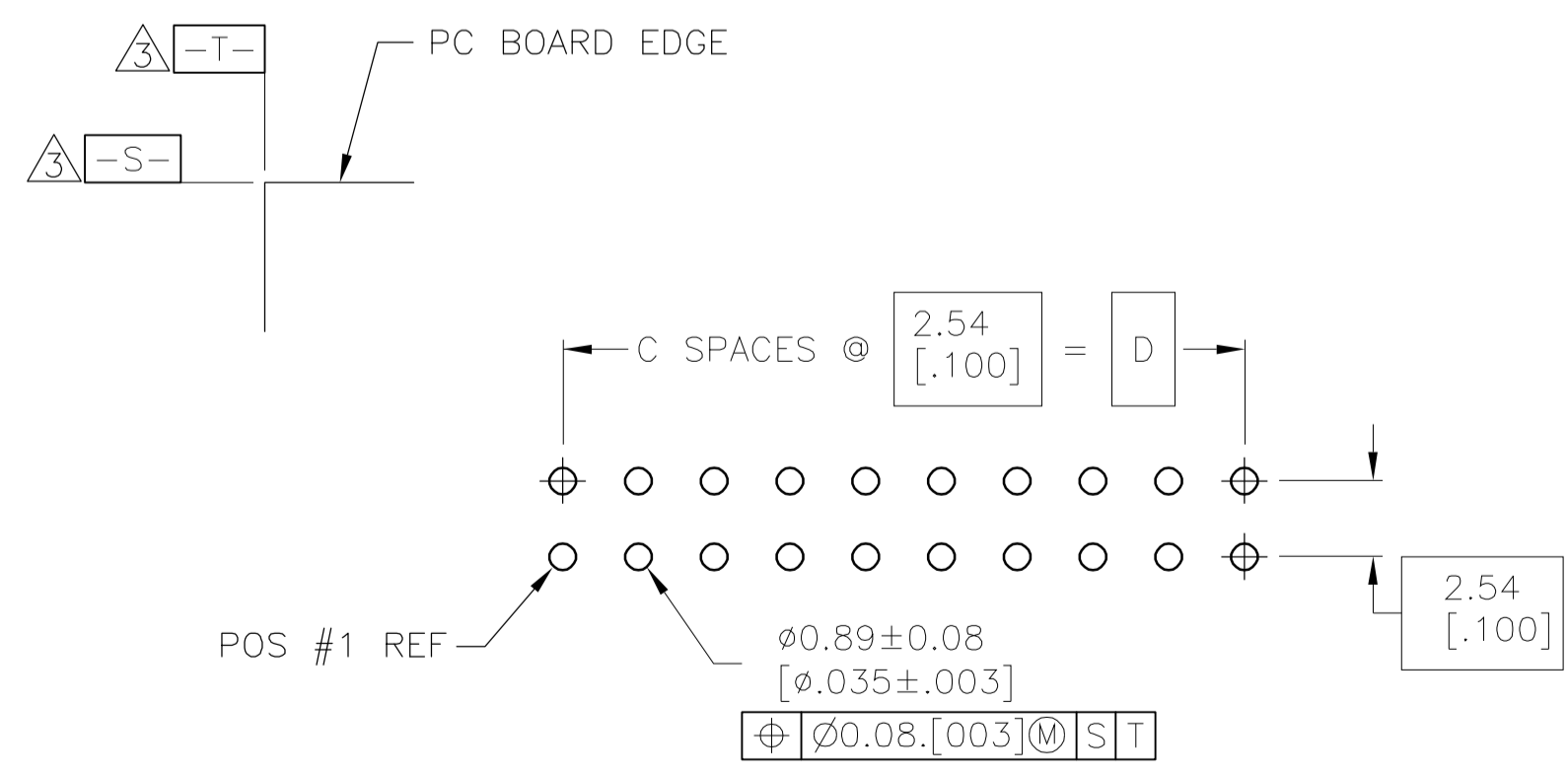


SECTION V-V



RECOMMENDED PC BOARD LAYOUT  
 (VIEWED FROM CONNECTOR SIDE)

- 1 HOUSING: PBT, UL94V-0, COLOR: SEE TABLE.
- 2 POSTS: PHOSPHOR BRONZE.
- 3 POSTS: 0.00076[.000030] MIN GOLD ON MATING AREA, 0.00254[.000100] MIN TIN ON SOLDER END, ALL OVER 0.00127[.000050] MIN NICKEL ON ENTIRE POST.
- 4 DATUMS S & T TO BE ESTABLISHED BY CUSTOMER.
- 5 NO KEYING SLOT ON THIS END FOR 6, 8, 10, 12 & 14 POSITION ASSEMBLIES.
- 6 NO KEYING SLOT ON THIS END FOR 6, 8 & 10 POSITION ASSEMBLIES.

|             | BLUE  | 78.74 [3.100] | 31 | 86.36 [3.400] | 88.90 [3.500] | 64        | 3-1761603-7 |
|-------------|-------|---------------|----|---------------|---------------|-----------|-------------|
| OBSOLETE    | BLUE  | 73.66 [2.900] | 29 | 81.28 [3.200] | 83.82 [3.300] | 60        | 3-1761603-6 |
|             | BLUE  | 60.96 [2.400] | 24 | 68.58 [2.700] | 71.12 [2.800] | 50        | 3-1761603-5 |
|             | BLUE  | 53.34 [2.100] | 21 | 60.96 [2.400] | 63.50 [2.500] | 44        | 3-1761603-4 |
|             | BLUE  | 48.26 [1.900] | 19 | 55.88 [2.200] | 58.42 [2.300] | 40        | 3-1761603-3 |
|             | BLUE  | 43.18 [1.700] | 17 | 50.80 [2.000] | 53.34 [2.100] | 36        | 3-1761603-2 |
|             | BLUE  | 40.64 [1.600] | 16 | 48.26 [1.900] | 50.80 [2.000] | 34        | 3-1761603-1 |
|             | BLUE  | 35.56 [1.400] | 14 | 43.18 [1.700] | 45.72 [1.800] | 30        | 3-1761603-0 |
|             | BLUE  | 30.48 [1.200] | 12 | 38.10 [1.500] | 40.64 [1.600] | 26        | 2-1761603-9 |
|             | BLUE  | 27.94 [1.100] | 11 | 35.56 [1.400] | 38.10 [1.500] | 24        | 2-1761603-8 |
|             | BLUE  | 22.86 [0.900] | 9  | 30.48 [1.200] | 33.02 [1.300] | 20        | 2-1761603-7 |
|             | BLUE  | 17.78 [0.700] | 7  | 25.40 [1.000] | 27.94 [1.100] | 16        | 2-1761603-6 |
|             | BLUE  | 15.24 [0.600] | 6  | 22.86 [0.900] | 25.40 [1.000] | 14        | 2-1761603-5 |
|             | BLUE  | 12.70 [0.500] | 5  | 20.32 [0.800] | 22.86 [0.900] | 12        | 2-1761603-4 |
|             | BLUE  | 10.16 [0.400] | 4  | 17.78 [0.700] | 20.32 [0.800] | 10        | 2-1761603-3 |
| OBSOLETE    | BLUE  | 7.62 [0.300]  | 3  | 15.24 [0.600] | 17.78 [0.700] | 8         | 2-1761603-2 |
|             | BLUE  | 5.08 [0.200]  | 2  | 12.70 [0.500] | 15.24 [0.600] | 6         | 2-1761603-1 |
| OBSOLETE    | BLACK | 73.66 [2.900] | 29 | 81.28 [3.200] | 83.82 [3.300] | 60        | 1-1761603-6 |
|             | BLACK | 60.96 [2.400] | 24 | 68.58 [2.700] | 71.12 [2.800] | 50        | 1-1761603-5 |
|             | BLACK | 48.26 [1.900] | 19 | 55.88 [2.200] | 58.42 [2.300] | 40        | 1-1761603-3 |
|             | BLACK | 40.64 [1.600] | 16 | 48.26 [1.900] | 50.80 [2.000] | 34        | 1-1761603-1 |
|             | BLACK | 35.56 [1.400] | 14 | 43.18 [1.700] | 45.72 [1.800] | 30        | 1-1761603-0 |
|             | BLACK | 30.48 [1.200] | 12 | 38.10 [1.500] | 40.64 [1.600] | 26        | 1761603-9   |
|             | BLACK | 22.86 [0.900] | 9  | 30.48 [1.200] | 33.02 [1.300] | 20        | 1761603-7   |
|             | BLACK | 17.78 [0.700] | 7  | 25.40 [1.000] | 27.94 [1.100] | 16        | 1761603-6   |
|             | BLACK | 15.24 [0.600] | 6  | 22.86 [0.900] | 25.40 [1.000] | 14        | 1761603-5   |
|             | BLACK | 10.16 [0.400] | 4  | 17.78 [0.700] | 20.32 [0.800] | 10        | 1761603-3   |
| PART NUMBER |       | D             | C  | B             | A             | NO OF POS | PART NUMBER |

**COPYRIGHT 2005  
 TYCO ELECTRONICS CORP  
 ALL RIGHTS RESERVED**

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                |  |                  |                    |           |            |   |              |               |
|----------------|--|------------------|--------------------|-----------|------------|---|--------------|---------------|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: | DIN 9137         | CRISAMORE/DIT      | 30JUN05   | tyco       | Tyco Electronics Corporation                |              |               |
| 0 PLC ± -      | 1 PLC ± -                              | 2 PLC ± -        | 3 PLC ± 0.13[.005] | 4 PLC ± - | ANGLES ± - | Harrisburg, PA 17105-3608                   |              |               |
| MATERIAL       | FINISH                                 | APPROVED         | M. WALMSLEY        | 30JUN05   | NAME       | HEADER ASSEMBLY, VERTICAL, LOW PROFILE, IDC |              |               |
|                |  | APPLICATION SPEC |                    |           | SIZE       | CAGE CODE                                   | DRAWING NO   | RESTRICTED TO |
|                |  | WEIGHT           |                    |           | A1         | 00779                                       | 1761603      |               |
|                |  | CUSTOMER DRAWING |                    |           | SCALE      | 4:1   | SHEET 1 OF 1 | REV A1        |