



RECOMMENDED PC BOARD LAYOUT (VIEWED FROM CONNECTOR SIDE)

- △ HOUSING: PBT, UL94V-0, COLOR (SEE TABLE).
POSTS: PHOSPHOR BRONZE.
LATCHES: ZINC ALLOY.
- △ POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76µm[.000030] MIN TOTAL ON MATING AREA, 2.54µm[.000100] MIN TIN PLATE ON SOLDER-TAIL, ALL OVER 1.27µm[.000050] MIN NICKEL UNDERPLATE ON ENTIRE POST.
OR
0.76µm[.000030] MIN GOLD PLATE ON MATING AREA, 2.54µm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
LATCHES: BLACK NICKEL OVER COPPER.
- △ DATUMS S & T TO BE ESTABLISHED BY CUSTOMER.
- △ NO KEYING SLOT ON THIS END FOR 6, 8, 10 & 14 POSITION ASSEMBLIES.
- △ NO KEYING SLOT ON THIS END FOR 6, 8 & 10 POSITION ASSEMBLIES.
- △ NO STANDOFF FOR 6, 8, 10, 14 & 16 POSITION ASSEMBLIES.
- △ ALTERNATE LOCATION/ORIENTATON FOR POSITION #1 INDICATOR.

| | | | | | | | |
|---------------|---------------|----|---------------|---------------|---------------|-----------|-------------|
| BLUE | 78.74 [3.100] | 31 | 80.77 [3.180] | 86.26 [3.396] | 88.90 [3.500] | 64 | 3-1761607-7 |
| BLUE | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60 | 3-1761607-6 |
| BLUE | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50 | 3-1761607-5 |
| BLUE | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40 | 3-1761607-3 |
| BLUE | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34 | 3-1761607-1 |
| OBSELETE | 35.56 [1.400] | 14 | 37.59 [1.480] | 43.08 [1.696] | 45.72 [1.800] | 30 | 3-1761607-0 |
| BLUE | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26 | 2-1761607-9 |
| BLUE | 27.94 [1.100] | 11 | 29.97 [1.180] | 35.46 [1.396] | 38.10 [1.500] | 24 | 2-1761607-8 |
| BLUE | 22.86 [.900] | 9 | 24.89 [.980] | 30.38 [1.196] | 33.02 [1.300] | 20 | 2-1761607-7 |
| BLUE | 17.78 [.700] | 7 | 19.81 [.780] | 25.30 [.996] | 27.94 [1.100] | 16 | 2-1761607-6 |
| BLUE | 15.24 [.600] | 6 | 17.27 [.680] | 22.76 [.896] | 25.40 [1.000] | 14 | 2-1761607-5 |
| BLUE | 10.16 [.400] | 4 | 12.19 [.480] | 17.68 [.696] | 20.32 [.800] | 10 | 2-1761607-3 |
| BLUE | 7.62 [.300] | 3 | 9.65 [.380] | 15.14 [.596] | 17.78 [.700] | 8 | 2-1761607-2 |
| BLUE | 5.08 [.200] | 2 | 7.11 [.280] | 12.60 [.496] | 15.24 [.600] | 6 | 2-1761607-1 |
| BLACK | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60 | 1-1761607-6 |
| BLACK | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50 | 1-1761607-5 |
| BLACK | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40 | 1-1761607-3 |
| BLACK | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34 | 1-1761607-1 |
| BLACK | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26 | 1761607-9 |
| BLACK | 22.86 [.900] | 9 | 24.89 [.980] | 30.38 [1.196] | 33.02 [1.300] | 20 | 1761607-7 |
| BLACK | 17.78 [.700] | 7 | 19.81 [.780] | 25.30 [.996] | 27.94 [1.100] | 16 | 1761607-6 |
| BLACK | 15.24 [.600] | 6 | 17.27 [.680] | 22.76 [.896] | 25.40 [1.000] | 14 | 1761607-5 |
| BLACK | 10.16 [.400] | 4 | 12.19 [.480] | 17.68 [.696] | 20.32 [.800] | 10 | 1761607-3 |
| HOUSING COLOR | E | D | C | B | A | NO OF POS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | | | |
|-------------------------|--|-----------|-----------|-----------|--------------------|-----------|------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± - | 3 PLC ± 0.13[.005] | 4 PLC ± - | ANGLES ± - |
|-------------------------|--|-----------|-----------|-----------|--------------------|-----------|------------|

MATERIAL: △ FINISH: △

| | | |
|--------------------------|---------------------|--|
| DESIGNED BY: J. GERACE | DATE: 15FEB05 | TE Connectivity |
| CHK: S. BOLASH | DATE: 15FEB05 | |
| APPROVED BY: M. WALMSLEY | DATE: 15FEB05 | NAME: HEADER ASSEMBLY, RIGHT ANGLE, LONG EJECT LATCH, LOW PROFILE, IDC |
| PRODUCT SPEC: - | APPLICATION SPEC: - | SIZE: A1 |
| WEIGHT: - | CAGE CODE: 00779 | DRAWING NO: 1761607 |
| CUSTOMER DRAWING | SCALE: 4:1 | SHEET 1 OF 1 |

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-1761607-5](#)