



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, 12 & 14 POSITION ASSEMBLIES.
- △ NO KEYING SLOT ON THIS END FOR 6, 8 & 10 POSITION ASSEMBLIES.
- △ NO STANDOFF FOR 6, 8, 10, 12, 14 & 16 POSITION ASSEMBLIES.
- △ ALTERNATE LOCATION/ORIENTATION OF POSITION #1 INDICATOR

| HOUSING COLOR | E             | D  | C             | B             | A             | NO OF POS | PART NUMBER |
|---------------|---------------|----|---------------|---------------|---------------|-----------|-------------|
| BLUE          | 78.74 [3.100] | 31 | 80.77 [3.180] | 86.26 [3.396] | 88.90 [3.500] | 64        | 3-1761606-7 |
| BLUE          | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60        | 3-1761606-6 |
| BLUE          | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50        | 3-1761606-5 |
| BLUE          | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40        | 3-1761606-3 |
| OBSOLETE      | 43.18 [1.700] | 17 | 45.21 [1.780] | 50.70 [1.996] | 53.34 [2.100] | 36        | 3-1761606-2 |
| BLUE          | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34        | 3-1761606-1 |
| OBSOLETE      | 35.56 [1.400] | 14 | 37.59 [1.480] | 43.08 [1.696] | 45.72 [1.800] | 30        | 3-1761606-0 |
| BLUE          | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26        | 2-1761606-9 |
| BLUE          | 27.94 [1.100] | 11 | 29.97 [1.180] | 35.46 [1.396] | 38.10 [1.500] | 24        | 2-1761606-8 |
| BLUE          | 22.86 [.900]  | 9  | 24.89 [.980]  | 30.38 [1.196] | 33.02 [1.300] | 20        | 2-1761606-7 |
| BLUE          | 17.78 [.700]  | 7  | 19.81 [.780]  | 25.30 [.996]  | 27.94 [1.100] | 16        | 2-1761606-6 |
| BLUE          | 15.24 [.600]  | 6  | 17.27 [.680]  | 22.76 [.896]  | 25.40 [1.000] | 14        | 2-1761606-5 |
| OBSOLETE      | 12.70 [.500]  | 5  | 14.73 [.580]  | 20.22 [.796]  | 22.86 [.900]  | 12        | 2-1761606-4 |
| BLUE          | 10.16 [.400]  | 4  | 12.19 [.480]  | 17.68 [.696]  | 20.32 [.800]  | 10        | 2-1761606-3 |
| BLUE          | 7.62 [.300]   | 3  | 9.65 [.380]   | 15.14 [.596]  | 17.78 [.700]  | 8         | 2-1761606-2 |
| BLUE          | 5.08 [.200]   | 2  | 7.11 [.280]   | 12.60 [.496]  | 15.24 [.600]  | 6         | 2-1761606-1 |
| BLACK         | 73.66 [2.900] | 29 | 75.69 [2.980] | 81.18 [3.196] | 83.82 [3.300] | 60        | 1-1761606-6 |
| BLACK         | 60.96 [2.400] | 24 | 62.99 [2.480] | 68.48 [2.696] | 71.12 [2.800] | 50        | 1-1761606-5 |
| BLACK         | 48.26 [1.900] | 19 | 50.29 [1.980] | 55.78 [2.196] | 58.42 [2.300] | 40        | 1-1761606-3 |
| BLACK         | 40.64 [1.600] | 16 | 42.67 [1.680] | 48.16 [1.896] | 50.80 [2.000] | 34        | 1-1761606-1 |
| BLACK         | 35.56 [1.400] | 14 | 37.59 [1.480] | 43.08 [1.696] | 45.72 [1.800] | 30        | 1-1761606-0 |
| BLACK         | 30.48 [1.200] | 12 | 32.51 [1.280] | 38.00 [1.496] | 40.64 [1.600] | 26        | 1761606-9   |
| BLACK         | 27.94 [1.100] | 11 | 29.97 [1.180] | 35.46 [1.396] | 38.10 [1.500] | 24        | 1761606-8   |
| BLACK         | 22.86 [.900]  | 9  | 24.89 [.980]  | 30.38 [1.196] | 33.02 [1.300] | 20        | 1761606-7   |
| BLACK         | 17.78 [.700]  | 7  | 19.81 [.780]  | 25.30 [.996]  | 27.94 [1.100] | 16        | 1761606-6   |
| BLACK         | 15.24 [.600]  | 6  | 17.27 [.680]  | 22.76 [.896]  | 25.40 [1.000] | 14        | 1761606-5   |
| BLACK         | 10.16 [.400]  | 4  | 12.19 [.480]  | 17.68 [.696]  | 20.32 [.800]  | 10        | 1761606-3   |

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: △

APPROVED: J. GERACE, S. BOLASH, M. WALMSLEY

NAME: HEADER ASSEMBLY, VERTICAL, LONG EJECT LATCH, LOW PROFILE, IDC

SIZE: A1 CAGE CODE: 00779 DRAWING NO: 1761606

WEIGHT: -

CUSTOMER DRAWING SCALE: 4:1 SHEET 1 OF 1 REV: G1

# Mouser Electronics

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