

**IDC Low Profile Ejection Style Pin Headers, Center Polarized,
.100 x .100 [2.54 x 2.54] Centerlines**

IDC Low Profile Headers

**Vertical PCB Mount
.025 [0.64] Square Post
(Mating End)**



Material and Finish

Housing and Eject Latches — PBT, UL 94V-0 rated, blue

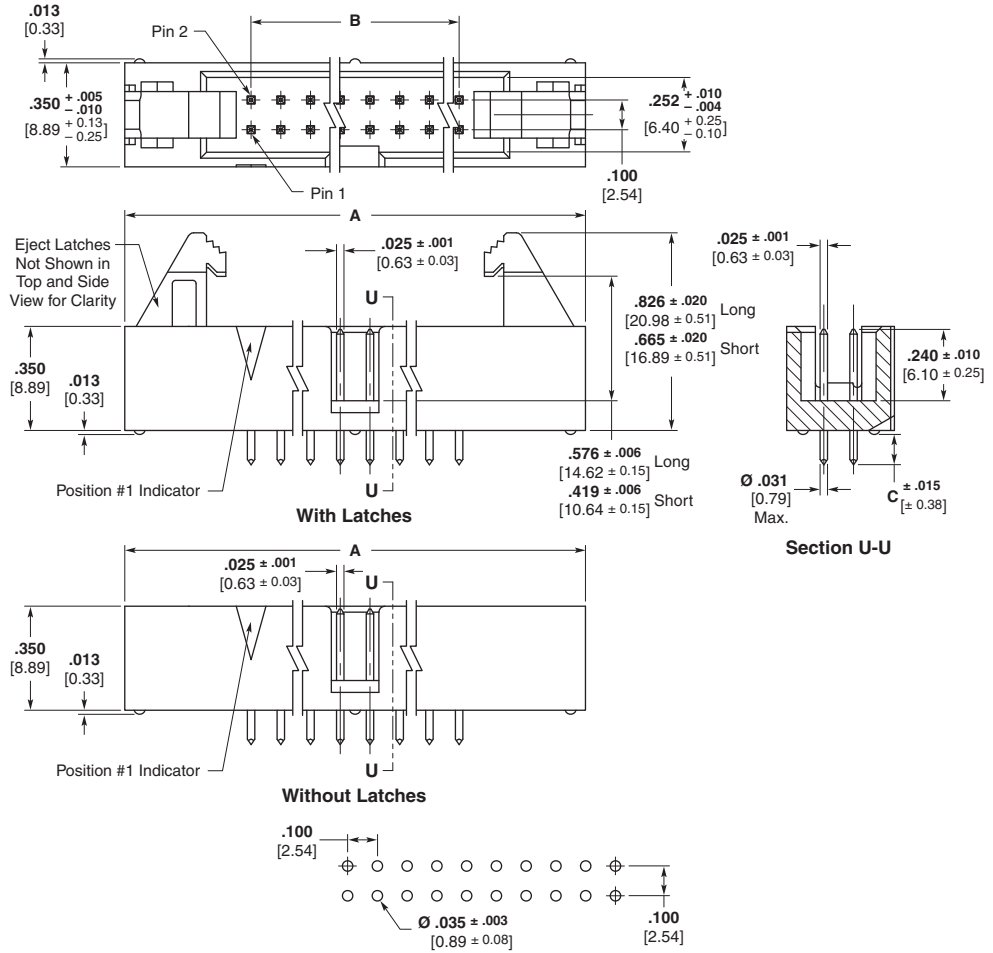
Posts — Phosphor bronze, plated as follows:

Plating — Duplex plated, .000030 [0.00076] min. gold on mating surfaces, .000100 [0.00254] min. tin on solder area, with entire post underplated .000050 [0.00127] min. nickel

Related Product Data

Electrical Characteristics — page 75

Mateable Connectors — **AMP-LATCH Novo Receptacles and Female Socket Connectors, 609, 622 and 636 Series** — pages 48-55



Recommended PC Board Layout

| Dim. C (Solder Tail Length) | No. of Pos. | Dimensions | | Part Numbers | | |
|--------------------------------|-------------|---------------|---------------|----------------------------|--|--|
| | | A | B | Pin Header without Latches | Pin Header with Short Latches (Mates with Receptacles without Strain Relief) | Pin Header with Long Latches (Mates with Receptacles with Strain Relief) |
| .102 2.59 | 10 | 1.250 [31.75] | .400 [10.16] | 1761693-3 | 1761685-3 | 1761686-3 |
| | 14 | 1.450 [36.83] | .600 [15.24] | — | — | 1761686-5 |
| | 16 | 1.550 [39.37] | .700 [17.78] | — | 1761685-6 | 1761686-6 |
| | 20 | 1.750 [44.45] | .900 [22.86] | — | 1761685-7 | 1761686-7 |
| | 24 | 1.950 [49.53] | 1.100 [27.94] | 1761693-8 | 1761685-8 | 1761686-8 |
| | 26 | 2.050 [52.07] | 1.200 [30.48] | — | 1761685-9 | 1761686-9 |
| | 30 | 2.250 [57.15] | 1.400 [35.56] | — | 1-1761685-0 | — |
| | 34 | 2.450 [62.23] | 1.600 [40.64] | 1-1761693-1 | 1-1761685-1 | 1-1761686-1 |
| | 40 | 2.750 [69.85] | 1.900 [48.26] | — | 1-1761685-3 | 1-1761686-3 |
| | 50 | 3.250 [82.55] | 2.400 [60.96] | — | 1-1761685-5 | 1-1761686-5 |
| .165 4.19 | 10 | 1.250 [31.75] | .400 [10.16] | 1761694-3 | 1761687-3 | — |
| | 14 | 1.450 [36.83] | .600 [15.24] | — | — | — |
| | 16 | 1.550 [39.37] | .700 [17.78] | — | — | — |
| | 20 | 1.750 [44.45] | .900 [22.86] | — | 1761687-7 | 1761688-7 |
| | 24 | 1.950 [49.53] | 1.100 [27.94] | — | — | 1761688-8 |
| | 26 | 2.050 [52.07] | 1.200 [30.48] | 1761694-9 | 1761687-9 | 1761688-9 |
| | 34 | 2.450 [62.23] | 1.600 [40.64] | — | 1-1761687-1 | 1-1761688-1 |
| | 40 | 2.750 [69.85] | 1.900 [48.26] | — | 1-1761687-3 | — |
| | 50 | 3.250 [82.55] | 2.400 [60.96] | — | — | 1-1761688-5 |

Note: All part numbers are RoHS compliant.