

DUAL ROW VERTICAL SMT PIN HEADER



2160 SERIES. 2.00 mm (0.079") pitch.

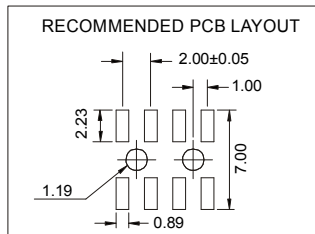
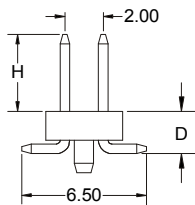
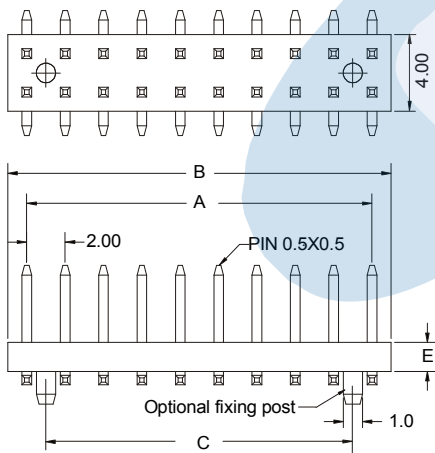
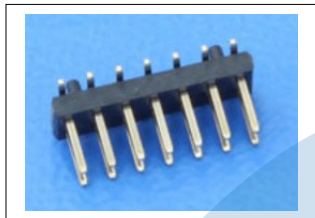
General Features

- Available in 4 through 80 circuits
- Mates with sockets 2.00 mm. pitch 2042, 2048, 2049, 2105, 2184, 2194, 2191, 2280, 2172, 2173, 2094, 2095, 2197, 2265 and 2022 series
- 0.50 mm. square pin with different plating
- Available with different pin length. Contact sales office
- Optional fixing post

Materials

- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information



DIMENSIONS: (In mm.)

$$A = 2.00 \left(\frac{XX}{2} - 1 \right) \quad B = 2.00 \left(\frac{XX}{2} \right) \quad C = 2.00 \left(\frac{XX}{2} - 2 \right)$$

XX = Number of circuits

Electrical Features

- Voltage rating: < 125V
- Current rating: < 2 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2pF at 1 KHz.

Mechanical Features

- Pin retention force to insulator: > 0.30 Kgf
- Durability: 50 cycles

Ordering Information:

2160 - **T** - **XX** - **P** **L** **E**
 1 2 3 4 5 6

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel
Recommended Finish
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel
- T = 13. Sel. gold flash over nickel overall
- T = 15. 15μ" sel. gold over nickel overall
- T = 16. 30μ" sel. gold over nickel overall

3. (XX) Number of circuits

- Available in 4 through 80 circuits

4. (P) Fixing Post

- P = 1. Without fixing post
- P = 2. With fixing post

5. (L) Pin Dimensions

- L = 1. D = 2.20 mm. ; H = 4.00 mm. ; E = 1.50 mm.
- L = 2. D = 2.77 mm. ; H = 3.50 mm. ; E = 2.00 mm.
- L = 3. D = 2.20 mm. ; H = 6.20 mm. ; E = 1.50 mm.
- L = 4. D = 2.20 mm. ; H = 8.80 mm. ; E = 1.50 mm.
- L = 5. D = 2.20 mm. ; H = 10.80 mm. ; E = 1.50 mm.
- L = 6. D = 2.70 mm. ; H = 4.00 mm. ; E = 2.00 mm.
- L = 7. D = 1.50 mm. ; H = 6.20 mm. ; E = 1.00 mm.
- L = 8. D = 2.20 mm. ; H = 13.40 mm. ; E = 1.50 mm.

6. (E) Packing Options

- E = 1. Tube + Pad
- E = 2. Reel + Pad