

DUAL ROW VERTICAL SMT PIN HEADER



1042 SERIES. 1.00 X 1.00 mm. (0.039 X 0.039") Pitch.

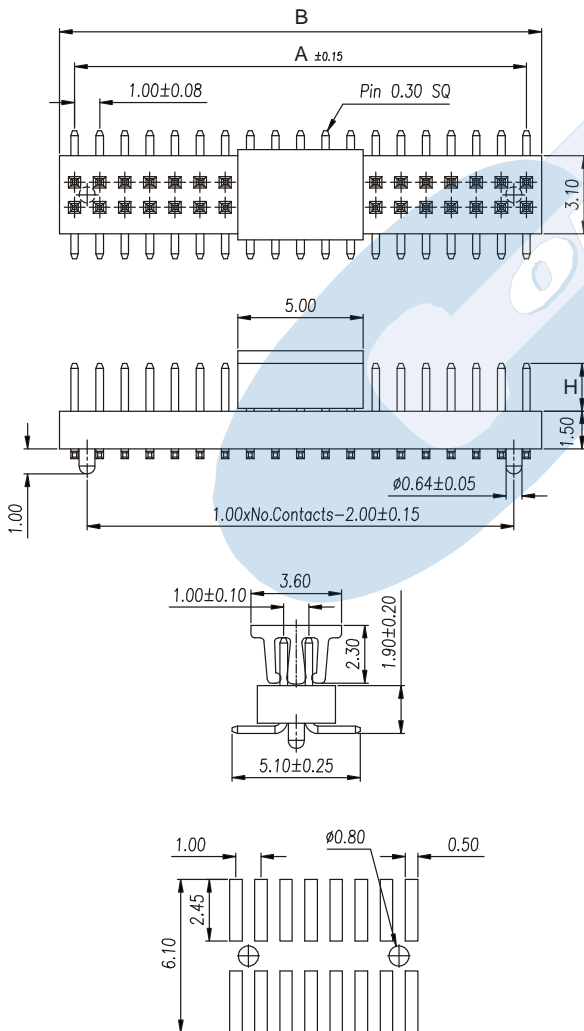
General Features

- Available in 4 through 80 circuits
- Mates with sockets 1.00 mm pitch 1041 series
- With/Without fixing pegs on PCB
- 0.30 mm square pin with different plating contact area
- Available with different pin length
- Contact Sales Office

Materials

- Insulator: Polyester LCP UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information



DIMENSIONS

$$A = 1.00 \left(\frac{XX}{2} - 1 \right) \quad B = 1.00 \left(\frac{XX}{2} \right) + 0.20 \quad C = 1.00 \left(\frac{XX}{2} - 2 \right)$$

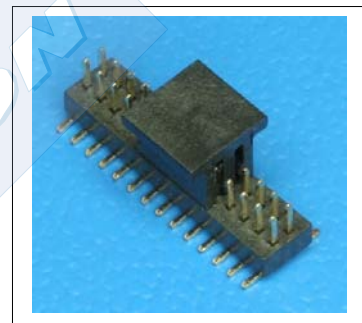
(XX) = Number of circuits

Electrical Features

- Voltage rating: < 100V
- Current rating: < 1 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 300 V AC/minute
- Insulation resistance: > 1000 MΩ
- Capacitance: < 2 pF at 1 KHz

Mechanical features

- Pin retention force to insulator: > 0.10 Kg f
- Durability: 25 cycles



Ordering Information:

1042 - T- XX- P- C- E
 1 2 3 4 5 6

1. Connector Serie

2. (T) Contacts Plating

- T = 2. Tin-plated.
- T = 3. Gold flash over Ni.
RECOMMENDED FINISH
- T = 5. 0.38 μ Gold over Ni.
- T = 6. 0.75 μ Gold over Ni.

3. (XX) Number of circuits

- Available in 2 through 20 circuits

4. (P) Pegs Options

- P = 1. Without locating pegs
- P = 2. whit locating pegs

5. (C) Pin Dimensions

- C = 1. H = 1.90 mm

6. (E) Packing Options

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