

S/ ROW VERTICAL SMT SOCKET HEADER



1376 SERIES. 1.27 mm (0.050") pitch.

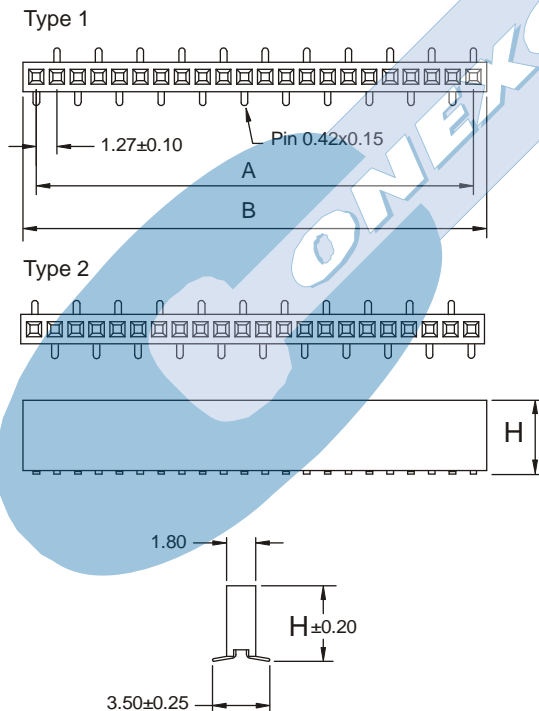
General Features

- Available in 2 through 40 circuits
- Mates with pin headers 1.27 mm pitch, 1350, 1351, 1352, 1353 and 1374 series
- Accept 0.40 square pin
- Low profile 4.60 mm high
- Dual beam contact with different plating

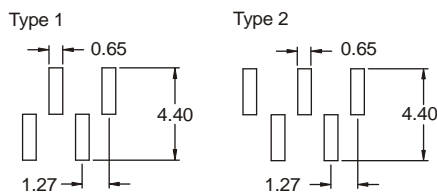
Materials

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

Dimension Information



RECOMMENDED PCB LAYOUT



Dimensions: (In mm.)

A = 1.27 x (XX*-1)

B = 1.27 x (XX)+0.35

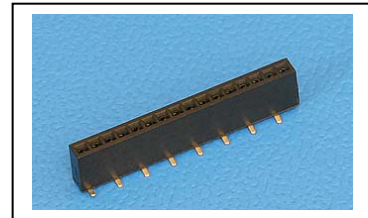
* XX (Number of circuits)

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

- Insertion force receptacle/plug: < 0,20 Kgf/pin
- Unmating force receptacle/plug: > 0,015 Kgf/pin
- Contact retention force to housing: > 0,15 Kgf/pin
- Durability: 50 cycles



Ordering Information:

1376 - 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

3. (XX) Circuit Size

- Available in 2 through 40 circuits

4. Connector Type

- P = 1. Type 1
- P = 2. Type 2

5. Connector Height Over PCB

- L = 1. H = 4.60 mm.

6. Connector Packaging

- E = 3. Film + tube
- E = 4. Film + reel