

SINGLE ROW SMT VERTICAL SOCKET



1066 SERIES. 1.00 mm (0.039") pitch.

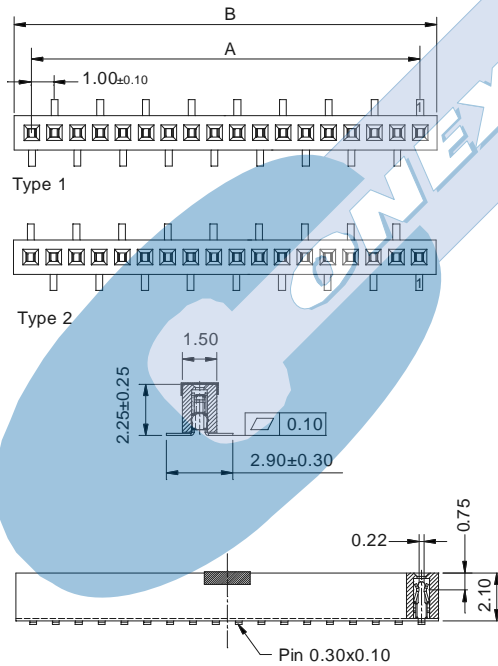
General Features

- Available in 2 through 40 circuits
- Mates with pin headers 1.00 mm pitch 1060, 1061 and 1063 series
- Accept 0.30 square pin
- Low profile 2.25 mm high
- Dual beam contact with different plating

Materials

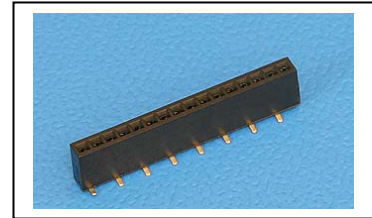
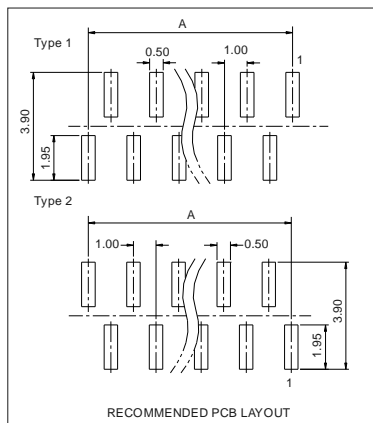
- Insulator: Polyester LCP UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information



Type 1

Type 2



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: < 0,10 Kgf/pin
- Unmating force receptacle/plug: > 0,01 Kgf/pin
- Contact retention force to housing: > 0,10 Kgf/pin
- Durability: 50 cycles

Ordering Information:

1066 - T- XX- P- 1- 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

6. Connector Packaging

- E = 1. Film + tube
- E = 2. Film + reel

Dimensions: (In mm.)

A = 1.00 x (XX*-1)
 B = 1.00 x (XX)+0.50

* XX (Number of circuits)