# SINGLE ROW SMT VERTICAL SOCKET



# **2102 SERIES.** 2.54 mm. (0.100") pitch.

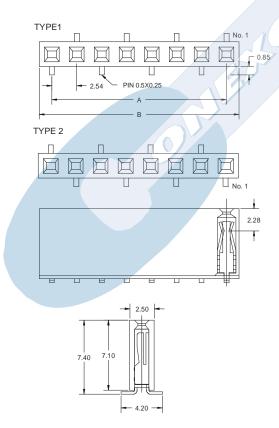
### **General Features**

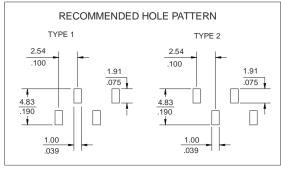
- Available in 2 through 40 circuits
- Mates with pin header 2.54 mm pitch 2556, 2549, 2548, 2590, 2567, 2542, 2589 and 2578 series
- Accept 0.64 square pin
- Low profile: 7.50 mm hight
- Dual beam contact with different plating

#### Materials

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

#### **Dimension Information**



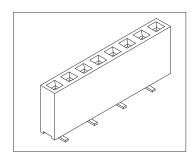


#### **Electrical Features**

- Voltage rating: < 250V
- Current rating: < 3 A</li>
- Contact resistance: < 20 mΩ</li>
- Dielectric withstanding voltage: 600 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz</li>

### **Mechanical Features**

- Insertion force receptacle/plug: < 0,40 Kgf/pin
- Unmating force receptacle/plug: > 0,03 Kgf/pin
- Contact retention force to housing: > 0,50 Kgf/pin
- Durability: 50 cycles



## **Ordering Information:**

2102 - T- XX- C E

- 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) Number of circuits
- Available in 2 through 40 circuits
- 4. (C) Connector Type
- Type 1
- Type 2
- 5. (E) Packing Options
- E = 1. Tube + Pad
- E = 2. Reel + Pad

Dimensions: (In mm.)

 $A = 2.54 \times (XX*-1)$ 

 $B = 2.54 \times (XX) + 0.50$ 

\* XX (Number of circuits)