## **DUAL ROW VERTICAL SMT SOCKET**



# **2105 SERIES.** 2.00 x 2.00 mm. (0.079 x 0.079") pitch.

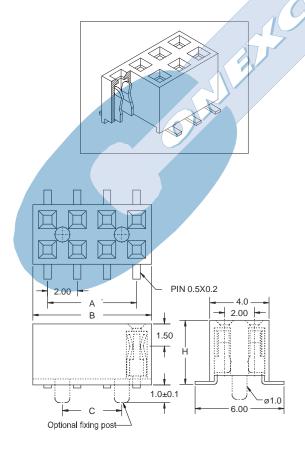
#### **General Features**

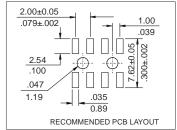
- Available in 4 through 80 circuits
- Mates with pin header 2.00 mm. pitch 2026, 2027, 2028, 2029, 2075, 2076, 2160, 2037 and 2177 series
- Accepts 0.50 mm. square pin
- Dual Beam contact with different plating
- 4.30 or 4.50 mm heigh
- Optional fixing post

#### Materials

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

#### **Dimension Information**





#### **Electrical Features**

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

#### **Mechanical Features**

- Insertion force receptacle/plug: < 0,30 Kgf/pin</li>
- Unmating force receptacle/plug: > 0,02 Kgf/pin
- Contact retention force to housing: > 0,300Kgf/pin
- Durability: 50 cycles

### Ordering Information:

**2105**- **T**- **XX**- **P L E**1 2 3 4 5 5

- 1. Connector Series
- 2. (T) Contact Plating
- T = 2. Tin plated
- T = 3. Gold flash over nickel

Recommended Finish

- T = 5.  $15\mu$ " 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
- $T = 16.30 \mu$ " sel. gold over nickel overall
- 3. (XX) Circuit Size
- Available in 4 through 80 circuits
- 4. (P) Fixing Options
- P = 1. Without fixing post
- P = 2. With fixing post
- 5. (L) Connector Height
- L = 1. H=4.30 mm.
- L = **2**. H=4.50 mm.
- 6. (E) Packing Options
- E = 1. Tube + Pad
- E = 2. Reel + Pad
- E = 5. Tube + Metallic Pad
- E = 6. Reel + Metallic Pad

#### DIMMENSIONS: (In mm.)

$$A = 2.00 \left(\frac{XX}{2} - 1\right)$$
  $B = 2.00 \left(\frac{XX}{2}\right) + 0.60$   $C = 2.00 \left(\frac{XX}{2} - 2\right)$