# **DUAL ROW SMT SIDE ENTRY SOCKET**



# **5425 SERIES.** 2.54 mm. (0.100") pitch.

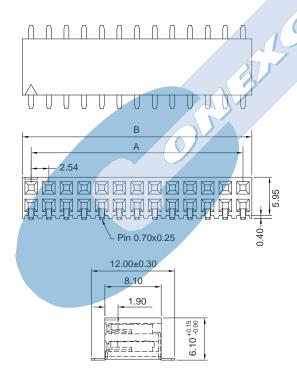
## **General Features**

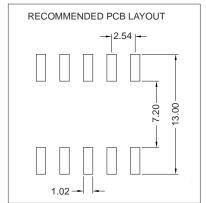
- Available in 4 through 80 circuits
- Mates with pin header 2.54 mm pitch 2558, 2559, 2458, 2582, 2583, 2666, 2667, 2468 and 2579 series
- Accept 0.64 square pin
- Dual Beam contact with different plating

#### Materials

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

#### **Dimension Information**



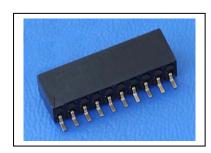


## **Electrical Features**

- 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:

5425- T- XX- 1- E

- 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
- $T = 6.30\mu''$  gold over nickel
- 3. (XX) Number of circuits
- Available in 4 through 80 circuits
- 4. (E) Packing Options
- E = 1. Tube + Pad
- E = 2. Reel + Pad

## **DIMENSIONS**

$$A = 2.54 \left( \frac{XX}{2} - 1 \right) \qquad B = 2.54 \left( \frac{XX}{2} \right)$$

(XX) = Number of circuits