DUAL ROW SMT VERTICAL SOCKET

2199 SERIES. 2.54 mm (0.100") pitch. Top and bottom entry.

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
- Low profile 5.00 mm. high
- 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

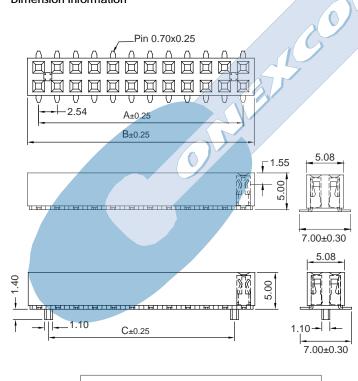
Dimension Information

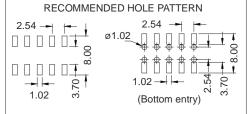
Electrical Features

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

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





DIMENSIONS

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

(XX) = Number of circuits

Ordering Information:				
<u>2199</u> -	<u>T</u> -	<u>XX</u> -	<u>P</u>	<u>E</u>
1	2	3	4	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				
• $T = 6.30\mu^{\prime\prime}$ gold over nickel				
 T = 13. Sel. gold flash over nickel overall T = 15. 15µ" sel. gold over nickel overall 				
• $T = 16.30\mu^{\circ}$ sel. gold over nickel overall				
3. (XX) Number of circuits				
• Available in 4 through 80 circuits				
4. (P) Fixing Options				
• P = 1. Without fixing post				
• $P = 2$. With fixing post				
5. (E) Packing Options				
• E = 1 . Tube + Pad				

• E = 2. Reel + Pad

