

DUAL ROW VERTICAL SOCKET



5552 SERIES. 2.54 mm (0.100") pitch.

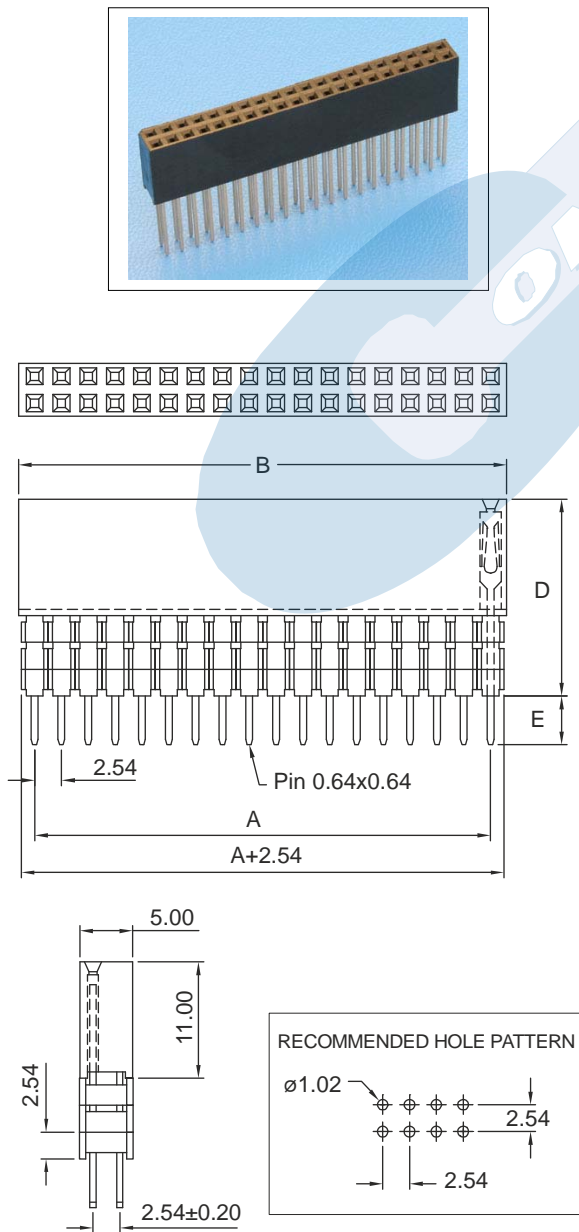
General Features

- 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
- U contact with different plating
- Available with different pin length

Materials

- Insulator: PBT 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

Ordering Information:

5552 - T- XX- C
 1 2 3 4

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
- T = 13. Sel. gold flash over nickel overall
- T = 15. 15μ" sel. gold over nickel overall
- T = 16. 30μ" sel. gold over nickel overall

3. (XX) Number of circuits

- Available in 4 through 80 circuits

4. (XX) Pin Dimension

- C = 1. D = 11.00 mm. E = 2.30 mm.
- C = 2. D = 11.00 mm. E = 7.35 mm.
- C = 3. D = 11.00 mm. E = 12.20 mm.
- C = 4. D = 13.54 mm. E = 4.85 mm.
- C = 5. D = 16.08 mm. E = 2.30 mm.
- C = 6. D = 18.62 mm. E = 4.60 mm.
- C = 7. D = 21.16 mm. E = 2.30 mm.
- C = 8. D = 11.00 mm. E = 10.00 mm.

DIMENSIONS

$$A = 2.54 \left(\frac{XX}{2} - 1 \right) \quad B = 2.54 \left(\frac{XX}{2} \right) + 0.50$$

(XX) = Number of circuits