

SINGLE ROW VERTICAL SOCKET



2554 SERIES. 2.54 mm. (0.100") pitch.

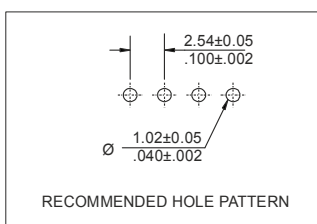
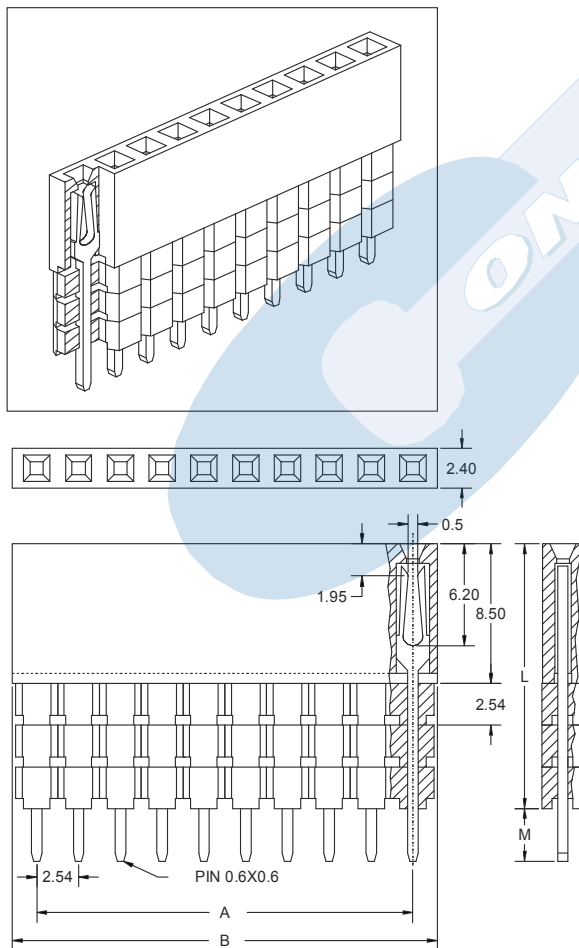
General Features

- 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
- 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:

2554 - T- XX- C
1 2 3

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 2 through 40 circuits

4. (C) Pin and Insulator Dimensions

- C = 1. L = 11.05 mm.; M = 2.30 mm.
- C = 2. L = 11.05 mm.; M = 7.35 mm.
- C = 3. L = 13.59 mm.; M = 4.85 mm.
- C = 4. L = 16.13 mm.; M = 2.30 mm.
- C = 5. L = 11.05 mm.; M = 12.20 mm.
- C = 6. L = 13.59 mm.; M = 9.65 mm.
- C = 7. L = 16.13 mm.; M = 7.10 mm.
- C = 8. L = 18.67 mm.; M = 4.60 mm.
- C = 9. L = 21.20 mm.; M = 2.30 mm.
- C = A. L = 8.50 mm.; M = 10.00 mm.

Dimensions: (In mm.)

A = 2.54 x (XX*-1)

B = 2.54 x (XX)+0.50

* XX (Number of circuits)