

SINGLE ROW DUAL BODY VERTICAL SOCKET



2054 SERIES. 2.00 mm. (0.079") pitch.

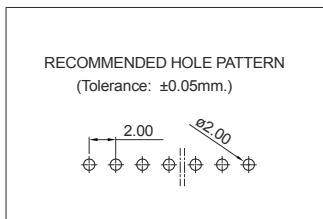
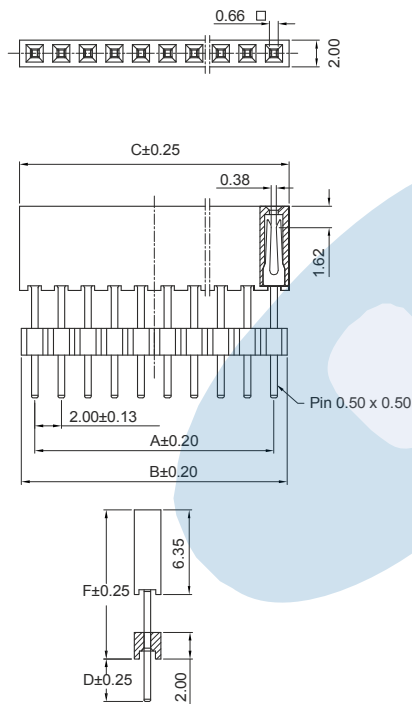
General Features

- Available in 2 through 40 circuits
- Mates with pin header 2.00 mm. pitch, 2015, 2016, 2017, 2150, 2152, 2036 and 2058 series
- Accepts 0.50 mm. square pin
- U contact with different plating and pin length
- Contact Sales Office

Materials

- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: phosphor bronze
- Operating temperature: -40°C to +105°C
- RoHS compliant

Dimension Information



Dimensions: (In mm.)

A = 2.00 x (XX*-1)

B = 2.00 x (XX*)

C = 2.00 x (XX*)+0.30

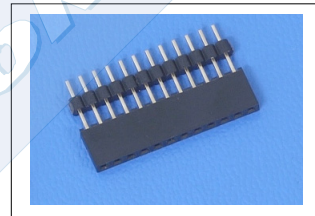
* **XX** (Number of circuits)

Electrical Features

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

Mechanical Features

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



Ordering Information:

2054 - **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 2 through 40 circuits

4. (C) Pin Dimensions

- C = 1. F = 6.35 mm.; D = 2.30 mm.
- C = 2. F = 6.35 mm.; D = 5.30 mm.
- C = 3. F = 8.30 mm.; D = 2.10 mm.
- C = 4. F = 8.90 mm.; D = 3.00 mm.
- C = 5. F = 9.35 mm.; D = 2.30 mm.
- C = 6. F = 9.35 mm.; D = 12.25 mm.
- C = 7. F = 11.20 mm.; D = 3.20 mm.
- C = 8. F = 12.10 mm.; D = 2.70 mm.
- C = 9. F = 12.10 mm.; D = 9.50 mm.
- C = A. F = 12.50 mm.; D = 5.00 mm.