

# DUAL ROW VERTICAL PIN HEADER



## 2458 SERIES. 2.54 mm (0.100") pitch.

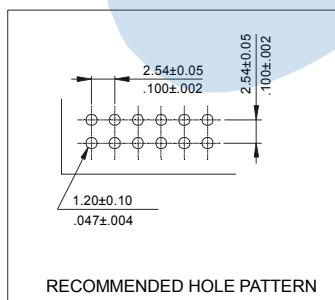
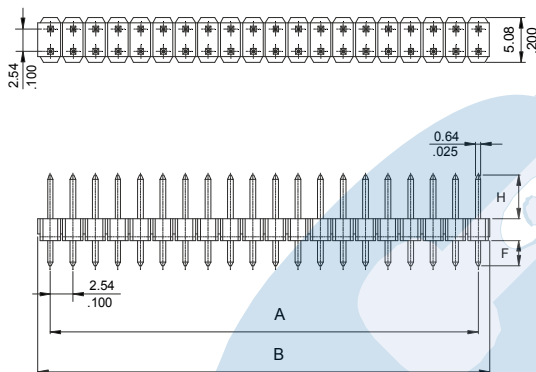
### General Features

- Available in 4 through 80 circuits
- Mates with sockets 2.54 mm pitch 2201, 5453, 2202, 2444, 2470, 2248, 5452, 5552, 5458, 5408, 5459, 5455, 5454, 5472, 5474, 2199, 2203, 2472, 5425, 5356, 2576, 5456, 2471 series
- 0,64 mm. square pin with different plating
- Different pin length available Consult Sales Office

### Materials

- Insulator: PBT UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimensional Information



### C = Pin dimension

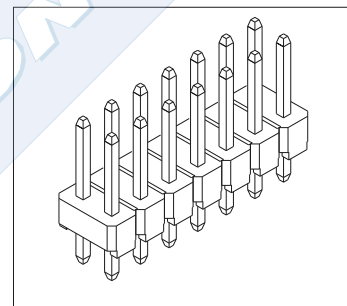
- |                             |             |
|-----------------------------|-------------|
| ● C = 0. Dim. H = 2.00 mm.  | F= 3.00 mm. |
| ● C = 1. Dim. H = 14.00 mm. | F= 3.00 mm. |
| ● C = 2. Dim. H = 6.00 mm.  | F= 6.00 mm. |
| ● C = 3. Dim. H = 13.00 mm. | F= 8.00 mm. |
| ● C = 4. Dim. H = 3.00 mm.  | F= 3.00 mm. |
| ● C = 5. Dim. H = 9.00 mm.  | F= 9.50 mm. |
| ● C = 6. Dim. H = 6.80 mm.  | F= 3.30 mm. |
| ● C = 7. Dim. H = 6.00 mm.  | F= 8.50 mm. |
| ● C = 8. Dim. H = 10.16 mm. | F= 6.00 mm. |

### 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

- Pin retention force to insulator: > 0,50 Kgf
- Durability: 50 cycles



### Ordering Information:

**2458** - **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

#### 5. (C) Pin Dimensions

- The dimension H and F are optional  
(Consult Sales Office)

#### DIMENSIONS

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

(XX) = Number of circuits