DUAL ROW RIGHT ANGLE PIN HEADER

2583 SERIES. 2.54 mm (0.100") pitch.

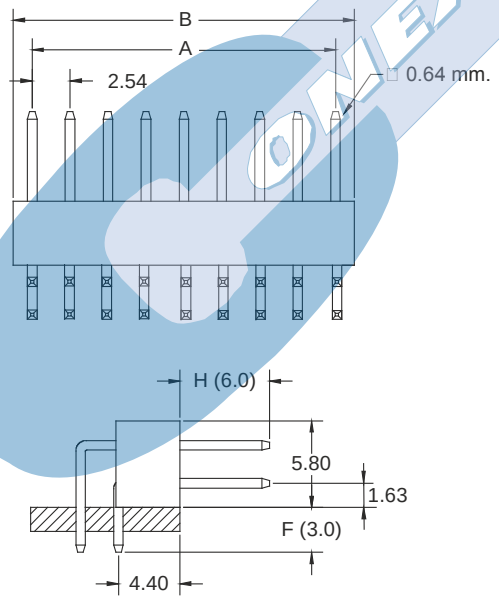
General Features

- 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

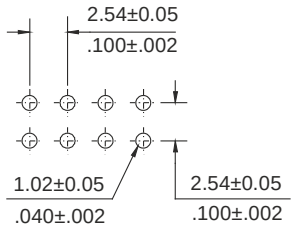
Materials

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

Dimensional Information



RECOMMENDED HOLE PATTERN

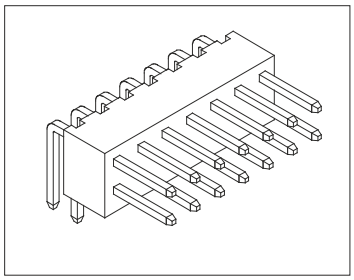


Electrical Features

- 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:

2583- 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

- C = **1.** Dim. **H** = 6.00 mm. Dim. **F** = 3.00 mm.
- C = **2.** Dim. **H** = 8.00 mm. Dim. **F** = 2.50 mm.

DIMENSIONS

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

(XX) = Number of circuits