D/ ROW TOP ENTRY ELEVATED BOX HEADER

5543 SERIES. 2.54 x 2.54 mm. (0.100 x 0.100") pitch.

General Features

- Available in 6, 8, 10, 12, 14, 16, 20, 24, 26, 30, 34, 40, 44, 50, 60 and 64 circuits
- Mates with 2.54 mm crimp housing 2646 series, IDC connectors 5435 and PCB 5458 and 5459 series
- Gold plated 0.64 mm. square pin
- Fully shrouded with polarized slot.
- Different pin dimension optional

Electrical Features

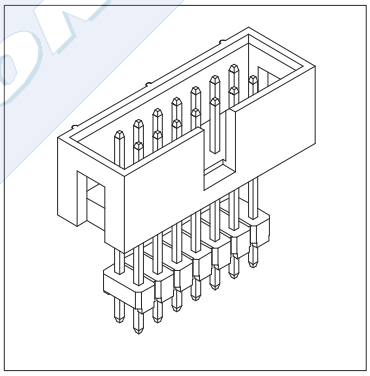
- Voltage rating: < 250V
- Current rating: < 2 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding Voltage: 800 V AC/minute
- Insulation resistance: >1000 MΩ

Materials

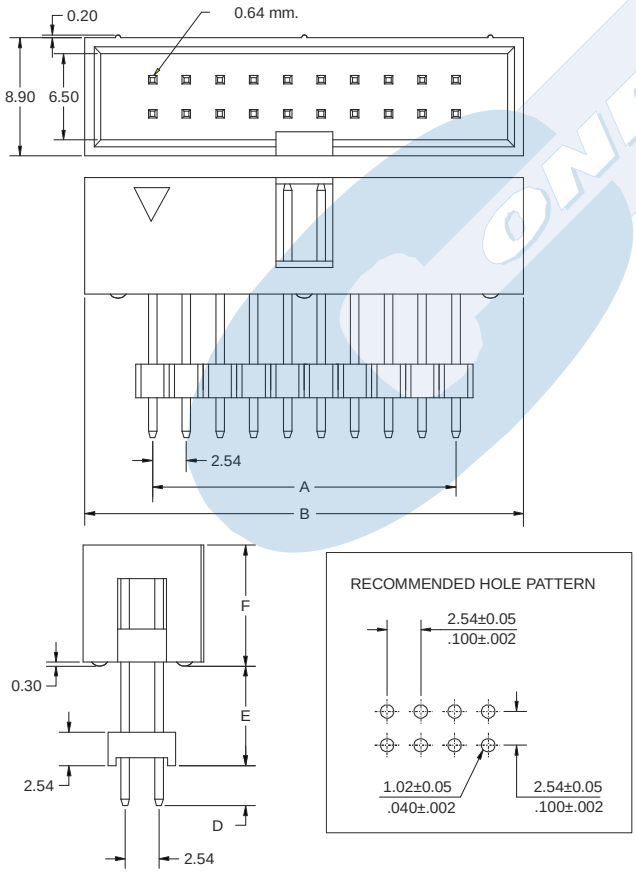
- Insulator: PBT glass reinforced UL 94 V-0
- Terminal: gold plated brass
- Operating temperature. -25°C to +85°C
- RoHS compliant

Mechanical Features

- Pin retention force to insulator: > 1.00 Kgf
- Durability: 50 Cycles



Dimension Information



Dimensions: (In mm.)

$$A = 2.54\left(\frac{XX}{2} - 1\right) \qquad B = 2.54\left(\frac{XX}{2}\right) + 7.62$$

(XX) = Number of circuits

Ordering Information:

5543 - 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

3. (XX) Number of circuits

- Available in 6 through 64 circuits

3. (C) Pin dimensions (mm.)

- C = **1.** **F** = 9.10; **E** = 7.50; **D** = 3.00 mm.
- C = **2.** **F** = 9.10; **E** = 5.00; **D** = 3.00 mm.
- C = **3.** **F** = 9.10; **E** = 4.00; **D** = 3.00 mm.
- C = **4.** **F** = 9.10; **E** = 15.20; **D** = 3.00 mm.
- C = **5.** **F** = 9.10; **E** = 3.00; **D** = 3.00 mm.
- C = **6.** **F** = 9.10; **E** = 20.00; **D** = 3.00 mm.
- C = **7.** **F** = 9.10; **E** = 9.69; **D** = 2.29 mm.
- C = **8.** **F** = 9.10; **E** = 9.98; **D** = 4.54 mm.