

DUAL ROW VERTICAL PIN HEADER



8446 SERIES. 2.54 x 2.54 mm. (0.100 x 0.100") pitch. Machined contact.

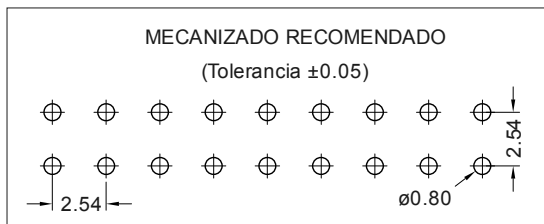
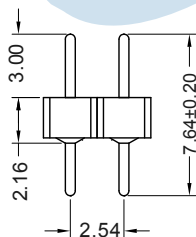
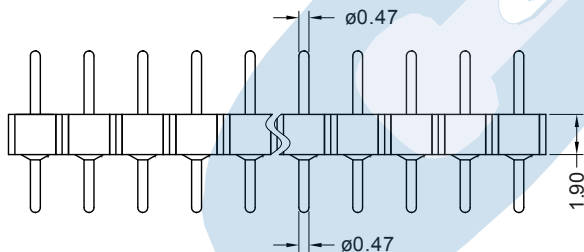
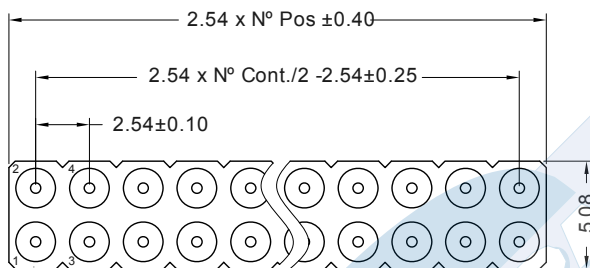
General Features

- Available in 4 through 80 circuits
- 0.47 round pin in contact area with different plating
- Insulator base 1.90 mm.
- Low profile

Materials

- Insulator: PPS black + 30% GF UL 94 V-0
- Contact: Brass
- Operating temperature. -40°C to +105°C
- RoHS compliant

Dimension Information

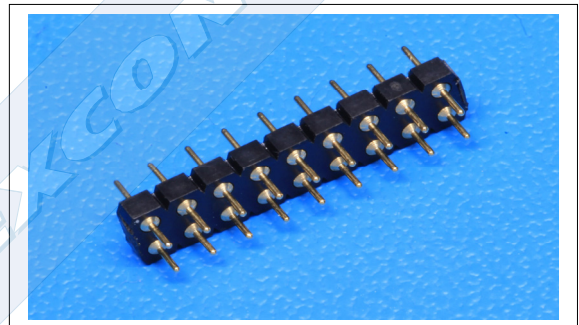


Electrical Features

- Voltage rating: < 250V
- Current rating: < 3 A
- Contact resistance: < 10 m Ω
- Dielectric withstanding Voltage: 1000 V AC/minute
- Insulation resistance: >1000 M Ω

Mechanical Features

- Pin retention force to insulator: > 0.80 Kgf
- Durability: 500 Cycles



Ordering Information:

8446 - T- XX- 1

1 2 3 4

1. Connector Series

2. (T) Contact Plating

- T = **3.** gold flash over 30-50 μ " Ni overall
Recommended Finish
- T = **15.** 15 μ " selec. gold over 30-50 μ " Ni overall
- T = **16.** 30 μ " selec. gold over 30-50 μ " Ni overall

3. (XX) Number of circuits

- Available in 4 through 80 circuits

DIMENSIONS:

$$A = 2.54 \left(\frac{XX}{2} - 1 \right) \quad B = 2.54 \left(\frac{XX}{2} \right) + 0.40$$

XX = Number of circuits