

# DUAL ROW VERTICAL PIN HEADER



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

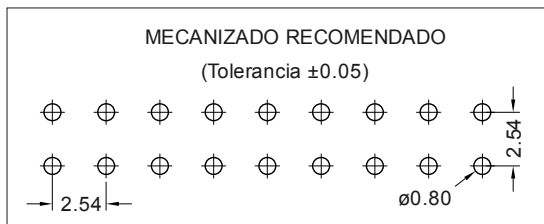
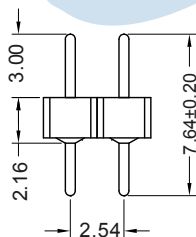
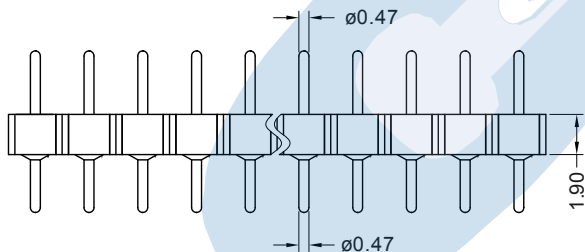
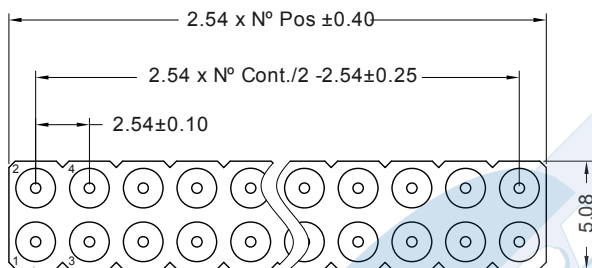
### General Features

- 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

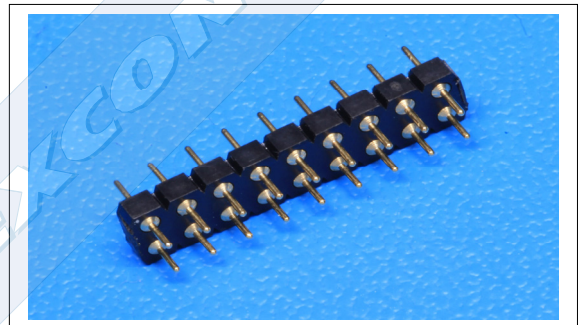


### Electrical Features

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

### 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 $\mu$ " Ni overall  
Recommended Finish
- T = **15**. 15 $\mu$ " selec. gold over 30-50 $\mu$ " Ni overall
- T = **16**. 30 $\mu$ " selec. gold over 30-50 $\mu$ " 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