

# DUAL ROW VERTICAL PIN HEADER



## 8419 SERIES. 2.54 x 2.54 mm. (0.100 x 0.100") pitch. Machined contact.

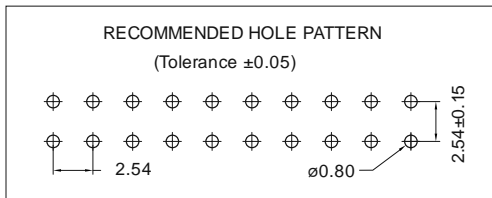
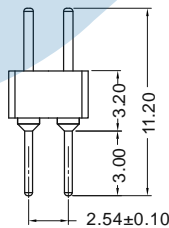
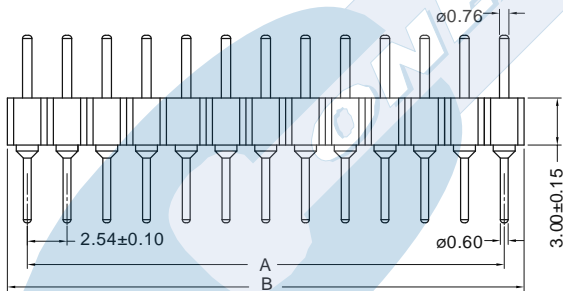
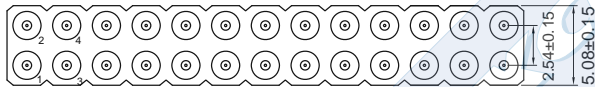
### General Features

- Available in 4 through 80 circuits
- Mates with sockets 2.54 mm pitch 8411, 8415 and 8417 series
- 0.76 mm round in pin contact area with different plating and 0.60 mm in solder Pcb area

### Materials

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

### Dimension Information

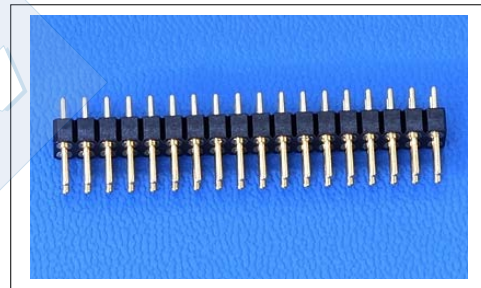


### Electrical Features

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

### Mechanical Features

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



### Ordering Information:

**8419 - T- XX- 1**

1            2            3            4

#### 1. Connector Series

#### 2. (T) Contact Plating

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