

# SINGLE ROW RIGHT ANGLE SOCKET



## 8381 SERIES. 2.00 mm. (0.079") pitch. Machined contact.

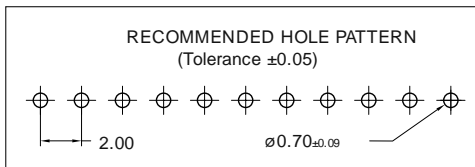
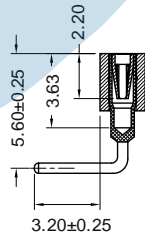
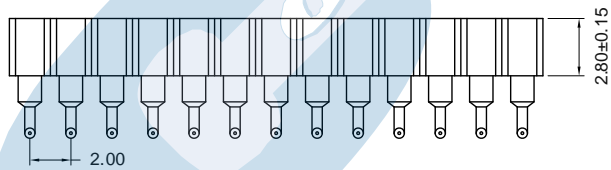
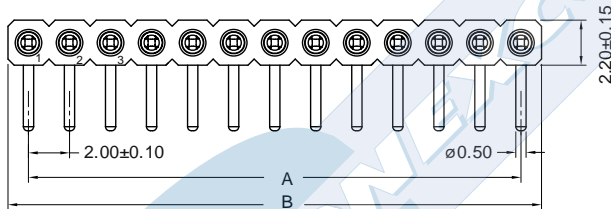
### General Features

- Available in 2 through 40 circuits
- Mates with pin headers 2.00mm pitch 8370, 8372 and 8385 series
- Accept round pin 0.40 - 0.66mm or square pin 0.50 mm
- Machined contact with different plating

### Materials

- Insulator: PPS black + 30% GF UL 94 V-0
- Contact: Clip(4 fingers): Beryllium copper
- Sleeve: Brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimension Information

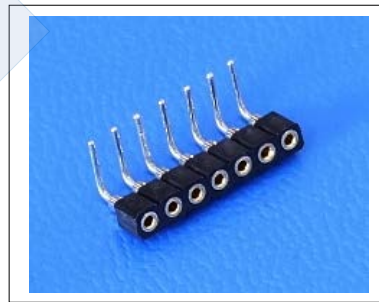


### Electrical Features

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

### Mechanical Features

- Insertion force per pin: < 0.20 Kgf (round pin 0.46 mm)
- Withdrawal force per pin: > 0.02 Kgf (round pin 0.46 mm)
- Durability: 500 Cycles



### Ordering Information:

**8381 - T- XX- 1**  
 1            2            3            4

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 13. Selec. 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 2 through 40 circuits

Dimensions: (In mm.)

A = 2.00 x (XX\*-1)

B = 2.00 x (XX\*)

\* XX (Number of circuits)