

# FOUR ROWS VERTICAL SOCKET



## 2169 SERIES. 2.00 mm. (0.079") pitch.

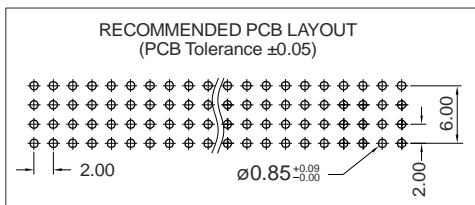
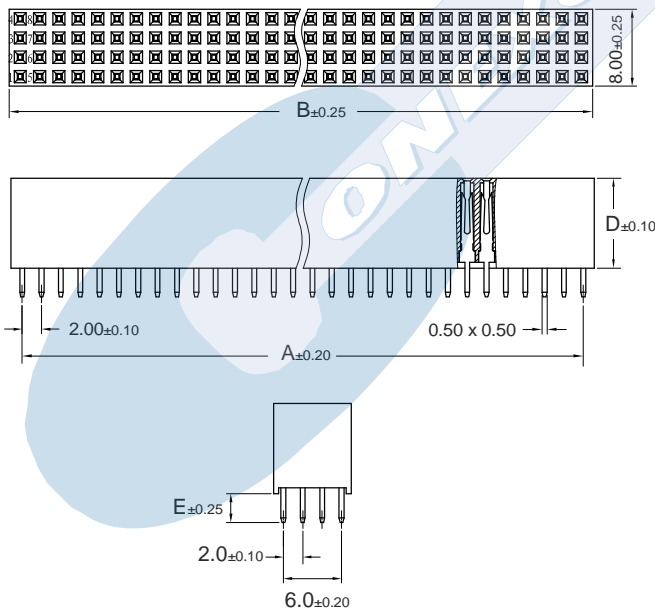
### General Features

- Available in 16 through 160 circuits
- Mates with header 2.00 mm. pitch 2170 series
- 0.50 mm. square pin with different plating
- Available with different pin length.
- Contact sales office

### Materials

- Insulator: Polyester nylon 6T UL 94 V-0
- Contact: brass
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Dimension Information

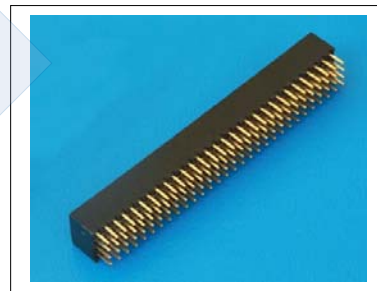


### Electrical Features

- Voltage rating: < 125V
- Current rating: < 2 A
- Contact resistance: < 20 m $\Omega$
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: > 1000 M $\Omega$
- Capacitance: < 2pF at 1 KHz.

### Mechanical Features

- Pin retention force to insulator: > 0.30 Kgf
- Durability: 50 cycles



### Ordering Information:

**2169 - 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. 15 $\mu$ " gold over nickel
- T = 6. 30 $\mu$ " gold over nickel

#### 3. (XX) Number of circuits

- Available in 16 through 160 circuits  
XX = Number pins per row

#### 4. (C) Dimensional Options

- C = 0. Dim. D=6.35; Dim. E=2.30
- C = 1. Dim. D=9.35; Dim. E=3.00

**DIMENSIONS:** (In mm.)

$$A = 2.00 \left( \frac{XX}{4} - 1 \right) \quad B = 2.00 \left( \frac{XX}{4} \right)$$

XX = Number of circuits