

# SINGLE ROW CRIMP CONNECTOR HOUSING



## 2872 SERIES. 2.54 mm (0.100") pitch.

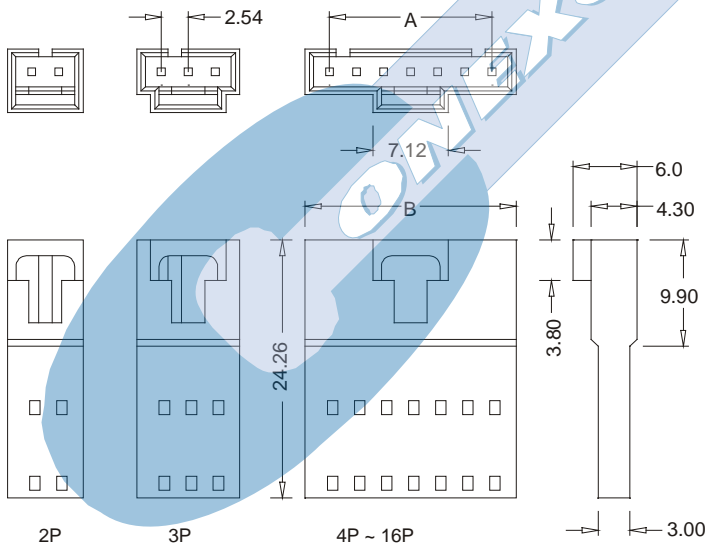
### General Features

- Available in 2 through 12 circuits
- Mates with 2.54 mm pitch crimp housing 2866 series
- Fully shrouded with positive lock
- Use crimp terminal 2871

### Materials

- Insulator: PPO UL 94 V-1
- Operating temperature: -25°C to +85°C
- RoHS compliant

### Dimension Information

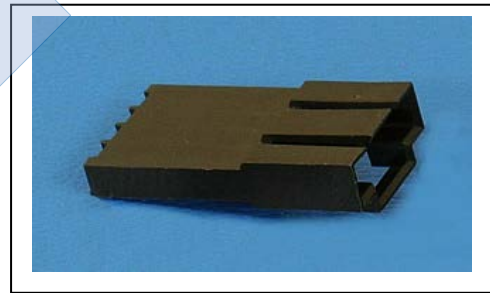


### Electrical Features

- Voltage rating: < 250V
- Current rating: < 3 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Contact retention force to the housing: > 1.0 Kgf
- Insertion force to header: < 0.50 Kgf/pin
- Durability: 25 cycles



### Ordering Information:

**2872 - 2- XX- 1**  
 1            2            3

1. Connector Series

3. (XX) Number of circuits

- Available in 2 through 12 circuits

Dimensions: (In mm.)

$$A = 2.54 \times (XX^* - 1)$$

$$B = 2.54 \times (XX) + 2.04$$

\* XX (Number of circuits)