

# SINGLE ROW CRIMP CONNECTOR HOUSING



## 5050 SERIES. 5.00 mm (0.197") pitch.

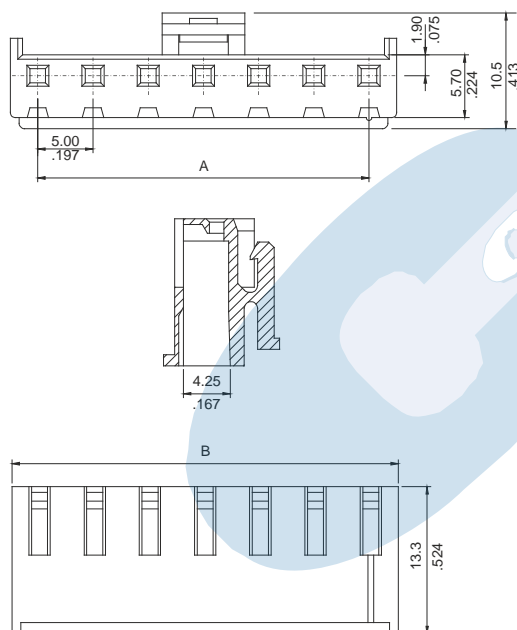
### General Features

- Available in 2, through 12 circuits
- Mates with 5.00 mm pitch headers 5051 and 5052 series
- Polarised with positive lock
- Use crimp terminal 3953 and 3954

### Materials

- Insulator: Nylon 66 UL 94 V-0
- Operating temperature: -40°C to +85°C
- RoHS compliant

### Dimension Information

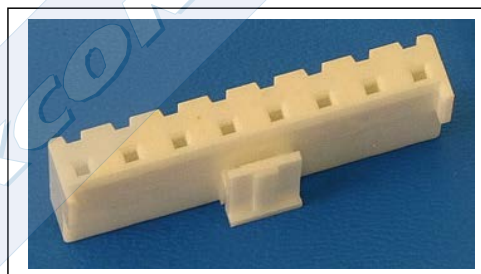


### Electrical Features

- Voltage rating: < 250V
- Current rating: < 5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Contact retention force to the housing: > 2.00 Kgf
- Insertion force to header: < 1.30 Kgf/pin
- Withdrawal force from header: < 0.20 Kgf/pin
- Durability: 25 cycles



### Ordering Information:

**5050 - 2- XX- 1**  
1 2 3

1. Connector Series

3. (XX) Number of circuits

- Available in 2 through 12 circuits

Dimensions: (In mm.)

A = 5.00 x (XX\*-1)

B = 5.00 x (XX)

\* XX (Number of circuits)