

# SINGLE ROW CRIMP CONNECTOR HOUSING



## 3950 SERIES. 3.96 mm (0.156") pitch.

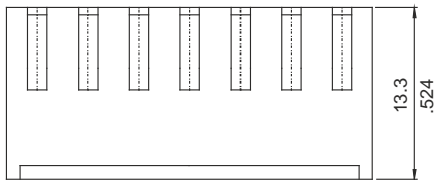
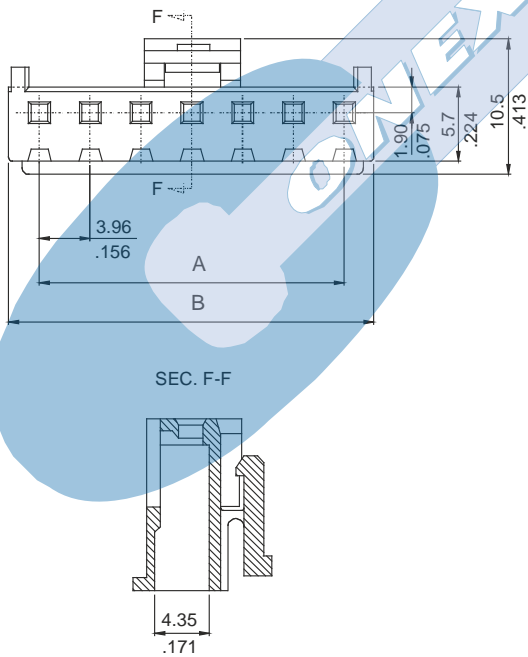
### General Features

- Available in 2, through 12 circuits
- Mates with 3.96 mm pitch 3951 and 3952 headers and 1.14 mm square/round pin headers 3917, 3918, 3919, 3920, 3986, 3987 and 3988 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

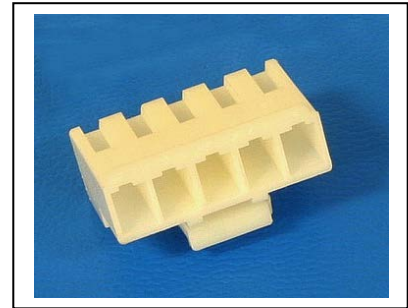


### Electrical Features

- Voltage rating: < 250V
- Current rating: < 7 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:

**3950 - 2- XX- 1**  
 1                      2                      3

1. Connector Series

3. (XX) Number of circuits

- Available in 2 through 12 circuits

Dimensions: (In mm.)

A = 3.96 x (XX\*-1)

B = 3.96 x (XX)+0.72

\* XX (Number of circuits)