**SINGLE ROW CRIMP CONNECTOR HOUSING**

**3940 SERIES.** 3.96 mm (0.156”) pitch.

### General Features
- Available in 2, through 20 circuits
- Mates with 3.96 mm pitch 3963, 3966 and 3968 headers and 1.14 mm square/round pin headers 3917, 3918, 3919, 3920, 3986, 3987 and 3988 Series
- Polarised with locking ramp
- Use crimp terminal 3979 and 3032

### Electrical Features
- Voltage rating: < 250V
- Current rating: < 5 A
- Contact resistance: < 20 mΩ
- Dielectric withstanding voltage: 1500 V AC/minute
- Insulation resistance: >1000 MΩ

### Materials
- Insulator: Nylon 66 UL 94 V-0
- Optional: GWT compliant *
- Operating temperature: -40°C to +105°C
- RoHS compliant

### Mechanical Features
- Contact retention force to the housing: > 2.00 Kgf
- Insertion force to header: < 2.00 Kgf/pin
- Withdrawal force from header: < 0.50 Kgf/pin
- Durability: 25 cycles

### Dimension Information

**With locking ramp:**

**Without locking ramp:**

### Ordering Information:

<table>
<thead>
<tr>
<th>3940</th>
<th>P-</th>
<th>XX-</th>
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<td>1</td>
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1. **Connector Series**
2. (P) **Polarising options**
   - P = 2. With locking ramp
   - P = 3. Without locking ramp
3. (XX) **Number of circuits**
   - Available in 2 through 20 circuits
   - For GWT options add E at the end of part number

**Dimensions:** (in mm.)

- A = 3.96 x (XX*-1)
- B = 3.96 x (XX)+0.58

*XX (Number of circuits)