Harness Sectioning Connectors

Modular connectors
Sicma

60 to 90 way system: female modules for 1.5 & 2.8 mm terminals

Features
- High density female module suitable to be integrated into a modular connector system
- Available in 18 position module (two rows) for 1.5 mm terminals at a 3.33 x 5 mm pitch and in 12 positions (two rows) for 2.8 mm terminals at a 5 x 5 mm pitch
- Terminal position assurance (T.P.A.)
- Hinge secondary lock
- Mechanical polarization
- Several colour codings available

Performance characteristics
- Temperature range: from -40°C to +125°C
- Contact retention force: > 100 N
- Contact insertion force: < 5 N for 1.5 mm terminals, < 7 N for 2.8 mm terminals

Construction
- Housing material: PBT

Tooling
- Terminal removal tool: 210S041

Connector compatibility
- Usable terminals:
  - Sicma-2 1.5 mm female terminals
  - Sicma-2 2.8 mm female terminals
  - Sicma-3 1.5 mm female terminals
  - Sicma-3 2.8 mm female terminals

Part Numbers No. of position Terminal size Colour

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>No. of position</th>
<th>Terminal size</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>211 PC123S9004</td>
<td>12</td>
<td>2.8 mm</td>
<td>White</td>
</tr>
<tr>
<td>211 PC123S2004</td>
<td>12</td>
<td>2.8 mm</td>
<td>Red</td>
</tr>
<tr>
<td>211 PC123S4004</td>
<td>12</td>
<td>2.8 mm</td>
<td>Yellow</td>
</tr>
<tr>
<td>211 PC123S6004</td>
<td>12</td>
<td>2.8 mm</td>
<td>Blue</td>
</tr>
<tr>
<td>211 PC123S5004</td>
<td>12</td>
<td>2.8 mm</td>
<td>Green</td>
</tr>
<tr>
<td>211 PC123S1004</td>
<td>12</td>
<td>2.8 mm</td>
<td>Beige</td>
</tr>
<tr>
<td>211 PC182S9004</td>
<td>18</td>
<td>1.5 mm</td>
<td>White</td>
</tr>
<tr>
<td>211 PC182S2004</td>
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**Dimensional characteristics**

**12 way module**

- Length: 39.40 mm
- Width: 13.90 mm
- Depth: 43.20 mm
- Height: 23.70 mm

- Dimensions: 5 x 5.00 = 25.00 mm

**18 way module**

- Length: 39.40 mm
- Width: 13.90 mm
- Depth: 43.20 mm
- Height: 23.70 mm

- Dimensions: 8 x 10/3 = 26.67 mm

**Codings**

- WHITE
- RED
- YELLOW
- BLUE
- GREEN
- BEIGE