Coupling connectors
Sicma

6 way mini-sealed coupling housings for 1.5 + 2.8 mm terminals

Features
- 6 position housings mixed loading
- 3.33 mm pitch for
- Reduced size sealed housings
- Female part can be used as an aggregate housing
- Circumferential interface seal on female housing
- Rear sealing ensured by a pre-mounted mat-seal
- Pre-assembled front grids support blade terminal guiding and mating
- Terminal position assurance (T.P.A.)
- CPA optional available
- Fretting free version available
- GO-NO-GO housing locking principle
- Mechanical polarization
- Several colour codings available

Performance characteristics
- Temperature range: from -40°C to +125°C
- Contact retention force:
  - > 100 N for 1.5 mm terminals
  - > 130 N for 2.8 mm terminals
- Contact insertion force:
  - < 12 N for 1.5 mm terminals
  - < 15 N for 2.8 mm terminals
- Connector mating force: < 60 N
- Sealing protection: IP 68
- Acceptable wire range:
  - 0.5 mm² to 2 mm² for 1.5 mm
  - 0.5 mm² to 4 mm² for 2.8 mm
- Housing locking strength: < 80 N

Construction
- Housing material: PBT
- Interface seal: Silicone
- Rear grommet seal: Silicone

Tooling
- T.P.A. removal tool: 210S040
- Terminal removal tool:
  - Female terminal: 2115015
  - Male terminal: 2115016
- Cavity plug: 210A015019

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

<table>
<thead>
<tr>
<th>Part number</th>
<th>No. of position</th>
<th>Terminal size</th>
<th>Type</th>
<th>Colour</th>
<th>Full schroud</th>
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<tbody>
<tr>
<td>211 PC062S1049</td>
<td>6</td>
<td>1.5</td>
<td>Female</td>
<td>Brown</td>
<td>N</td>
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<td>4x1.5+2x2.8</td>
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<tr>
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Dimensional characteristics

Female housing - half shroud
1.5 mm

Male housing
1.5 mm

Male housing
1.5 + 2.8 mm

Female housing - half shroud
1.5 + 2.8 mm