

# Coupling connectors

Sicma

## 2 way mini-sealed coupling housings for 1.5 mm terminals

### Features

- 2 position housings
- 3.33 mm pitch
- Reduced size sealed housings
- Female part can be used as an aggregate housing
- Circumferencial 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
- 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
- Contact insertion force: < 12 N
- Connector mating force: < 60 N
- Sealing protection: IP 68
- Acceptable wire range: 0.5 mm<sup>2</sup> to 2 mm<sup>2</sup> for 1.5 mm

### Construction

- Housing material: PBT
- Interface seal: Silicone
- Rear mat-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-3 1.5 mm female terminals
  - Sicma-3 1.5 mm male terminals

| Part number    | No. of position | Terminal size | Type   | Colour | Full schroud |
|----------------|-----------------|---------------|--------|--------|--------------|
| 211 PC022S0049 | 2               | 1.5 mm        | Female | Black  | N            |
| 211 PC022S1049 | 2               | 1.5 mm        | Female | Brown  | N            |
| 211 PC022S2049 | 2               | 1.5 mm        | Female | Red    | N            |
| 211 PC022S3049 | 2               | 1.5 mm        | Female | Orange | N            |
| 211 PC022S4049 | 2               | 1.5 mm        | Female | Yellow | N            |
| 211 PC022S5049 | 2               | 1.5 mm        | Female | Green  | N            |
| 211 PC022S6049 | 2               | 1.5 mm        | Female | Blue   | N            |
| 211 PC022S8049 | 2               | 1.5 mm        | Female | Grey   | N            |
| 211 PC022S9049 | 2               | 1.5 mm        | Female | White  | N            |
| 211 PC022S0081 | 2               | 1.5 mm        | Female | Black  | Y            |
| 211 PC022S1081 | 2               | 1.5 mm        | Female | Brown  | Y            |
| 211 PC022S2081 | 2               | 1.5 mm        | Female | Red    | Y            |
| 211 PC022S3081 | 2               | 1.5 mm        | Female | Orange | Y            |



# Coupling connectors

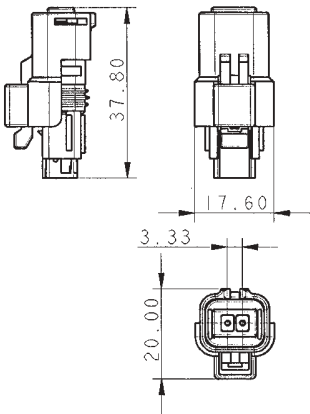
Sicma

## 2 way mini-sealed coupling housings for 1.5 mm terminals

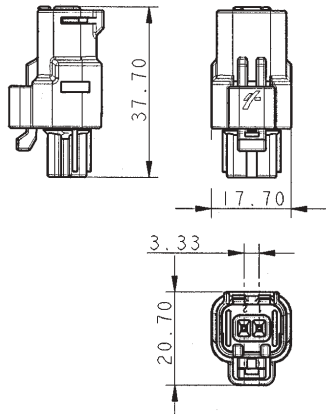
| Part number    | No. of position | Terminal size | Type   | Colour | Full shroud |
|----------------|-----------------|---------------|--------|--------|-------------|
| 211 PC022S4081 | 2               | 1.5 mm        | Female | Yellow | Y           |
| 211 PC022S5081 | 2               | 1.5 mm        | Female | Green  | Y           |
| 211 PC022S6081 | 2               | 1.5 mm        | Female | Blue   | Y           |
| 211 PC022S8081 | 2               | 1.5 mm        | Female | Grey   | Y           |
| 211 PC022S9081 | 2               | 1.5 mm        | Female | White  | Y           |
| 211 PL022S0049 | 2               | 1.5 mm        | Male   | Black  | N           |
| 211 PL022S1049 | 2               | 1.5 mm        | Male   | Brown  | N           |
| 211 PL022S4049 | 2               | 1.5 mm        | Male   | Yellow | N           |
| 211 PL022S5049 | 2               | 1.5 mm        | Male   | Green  | N           |
| 211 PL022S6049 | 2               | 1.5 mm        | Male   | Blue   | N           |
| 211 PL022S8049 | 2               | 1.5 mm        | Male   | Grey   | N           |

### Dimensional characteristics

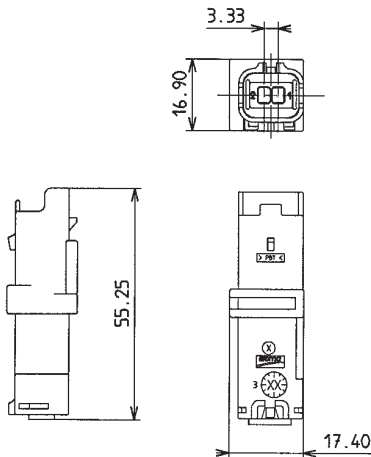
Female housing - half shroud



Female housing - full shroud



Male housing



Notes :