

# 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

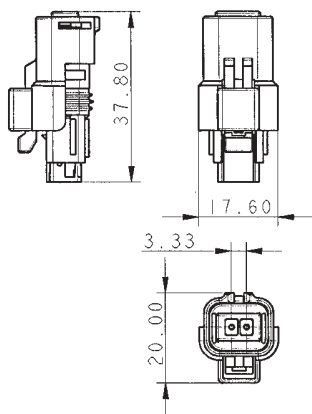
Part number	No. of position	Terminal size	Type	Colour	Full schroud
211 PC022S0049	2	1.5 mm	Female	Black	N
211 PC022S1049	2	1.5 mm	Female	Brown	N
211 PC022S2049	2	1.5 mm	Female	Red	N
211 PC022S3049	2	1.5 mm	Female	Orange	N
211 PC022S4049	2	1.5 mm	Female	Yellow	N
211 PC022S5049	2	1.5 mm	Female	Green	N
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

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

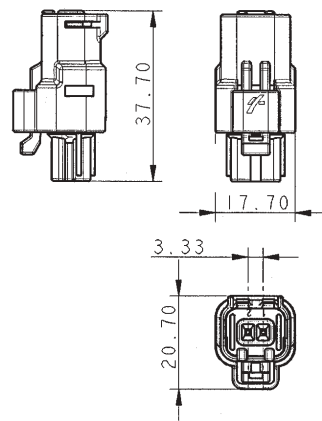
Part number	No. of position	Terminal size	Type	Colour	Full schroud
211 PC022S4081	2	1.5 mm	Female	Yellow	Y
211 PC022S5081	2	1.5 mm	Female	Green	Y
211 PC022S6081	2	1.5 mm	Female	Blue	Y
211 PC022S8081	2	1.5 mm	Female	Grey	Y
211 PC022S9081	2	1.5 mm	Female	White	Y
211 PL022S0049	2	1.5 mm	Male	Black	N
211 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

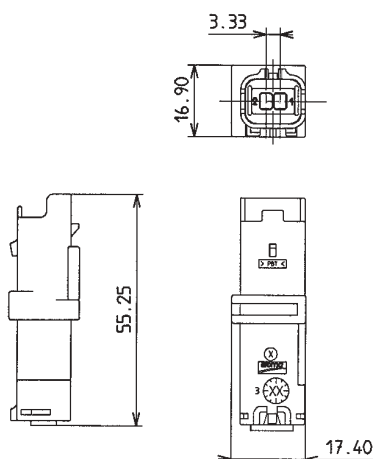
## Female housing - half shroud



## Female housing - full shroud



## Male housing



Notes :

Direct Links

Cross Reference

RoHS/LF P/N search

Document & Drawing search

Application tooling

Services

Contact us

Distributor list

Pricing request

Order samples

Literature


Brochures & catalogs

Product documentation

Technical library

Start > Search=211PL022S0049\* > 211PL022S0049

211PL022S0049



211PL022S0049

2 way coupling Male housing

ACTIVE

Customer Drawing

Automotive division

Assistant

Add to Favorites

Email Datasheet

Print Datasheet

FCI Brings You More

Contact our sales/technical support

Sample request

Price request

Specifications

General

Mechanical

Physical

Terminal 1 Type

Environmental

Other Features

Application	Wire to Wire
Ways	2
Coding version	Black
Product Type	Housing
Coding	Yes
Family	Wire to Wire
	Reduced size sealed housing
	Go-No-Go housing locking principle

Features	<p>Pre-assembled front grids support blade terminal guiding and mating</p> <p>Acceptable wire size range from 0.5 to 2 mm<sup>2</sup></p> <p>Terminal position assurance (T.P.A.) and connection position assurance (C.P.A.) option available</p> <p>Sealing protection IP 68 - Rear sealing ensured by a pre-mounted mat-seal</p>
Hybrid	No
Main Terminal family	Sicma
Main Terminal size	1.5 mm
Sealed	Yes
Terminal Size	1.5
<b><u>Mechanical</u></b>	
Connector mating force	< 60N
<b><u>Physical</u></b>	
Color	Black
Material	PBT
Temperature (Range)	-40°C to +125°C
<b><u>Terminal 1 Type</u></b>	
Terminal type 1	Sicma Male 1.5 mm Terminal
Ways for Terminal Type 1	2
Contact insertion force for Terminal Type 1	< 12N
Contact Pitch for Terminal Type 1	3.33 mm
Retention force (Contact) for Terminal Type 1	> 100N
<b><u>Environmental</u></b>	
IMDS	Yes
<b><u>Other Features</u></b>	
Type	Male
Disclaimer	<p>Displayed data is for information purposes only.</p> <p>For more information, please contact your local sales office.</p> <p>The supply of some products might be limited to some customers.</p>