



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 mm² to 2 mm² 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



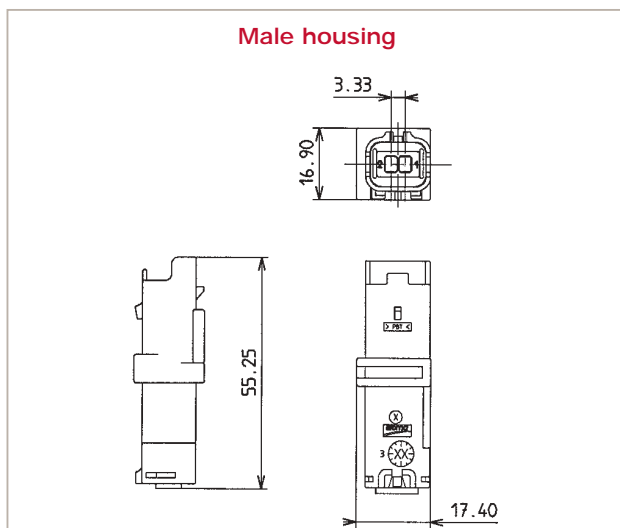
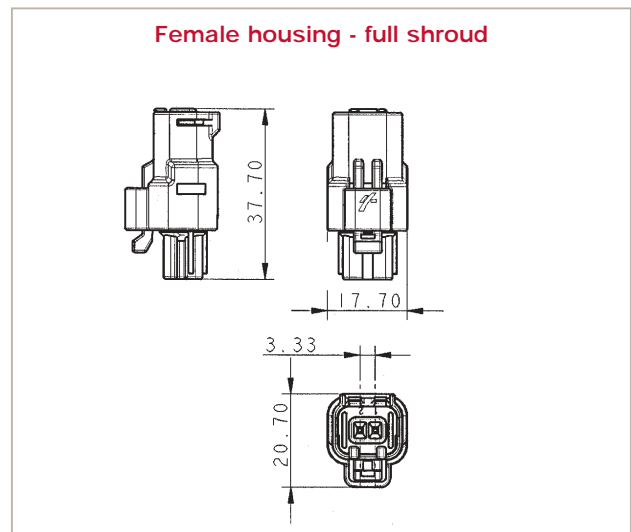
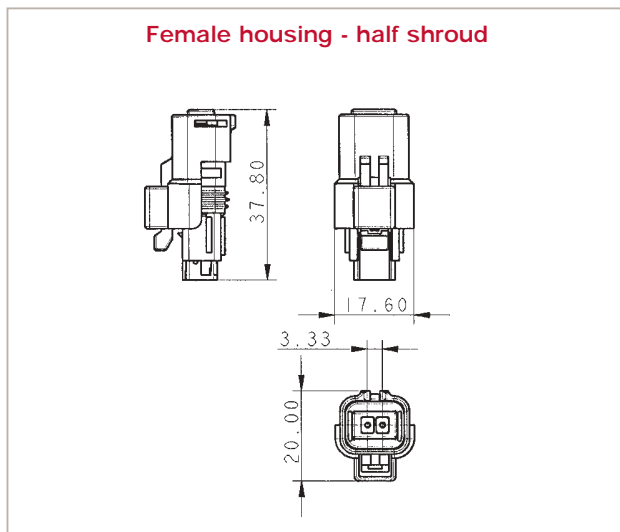
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211 PC022S4081	2	1.5 mm	Female	Yellow	Y
211 PC022S5081	2	1.5 mm	Female	Green	Y
211 PC022S6081	2	1.5 mm	Female	Blue	Y
211 PC022S8081	2	1.5 mm	Female	Grey	Y
211 PC022S9081	2	1.5 mm	Female	White	Y
211 PL022S0049	2	1.5 mm	Male	Black	N
211 PL022S1049	2	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



Notes :

Direct Links ...

- Cross Reference
- RoHS/LF P/N search
- Document & Drawing search
- Application tooling

Services ...

- Contact us
- Distributor list
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Literature ...

- Brochures & catalogs
- Product documentation
- Technical library

Start > Search=211PL022S0049* > **211PL022S0049**

211PL022S0049



211PL022S0049

2 way coupling Male housing

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Specifications

General Mechanical Physical Terminal 1 Type Environmental Other Features

General

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