



Coupling connectors

Sicma

3 way mini-sealed coupling housings for 1.5 mm terminals

Features

- 3 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 PC032S0049	3	1.5 mm	Female	Black	N
211 PC032S1049	3	1.5 mm	Female	Brown	N
211 PC032S2049	3	1.5 mm	Female	Red	N
211 PC032S3049	3	1.5 mm	Female	Orange	N
211 PC032S4049	3	1.5 mm	Female	Yellow	N
211 PC032S5049	3	1.5 mm	Female	Green	N
211 PC032S6049	3	1.5 mm	Female	Blue	N
211 PC032S8049	3	1.5 mm	Female	Grey	N
211 PC032S9049	3	1.5 mm	Female	White	N
211 PC032S0081	3	1.5 mm	Female	Black	Y
211 PC032S1081	3	1.5 mm	Female	Brown	Y
211 PC032S2081	3	1.5 mm	Female	Red	Y
211 PC032S3081	3	1.5 mm	Female	Orange	Y



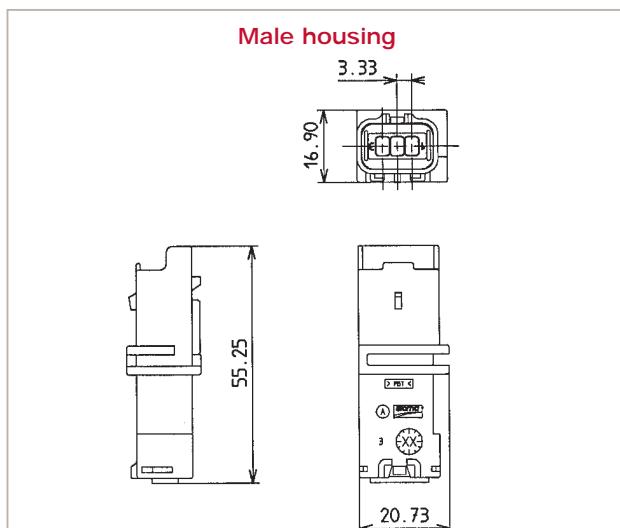
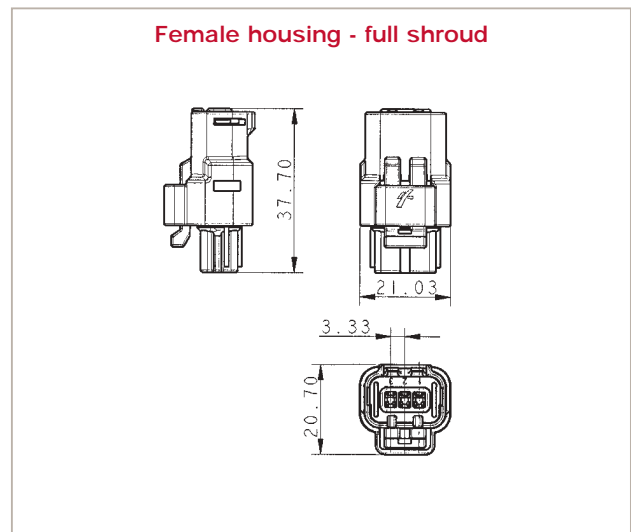
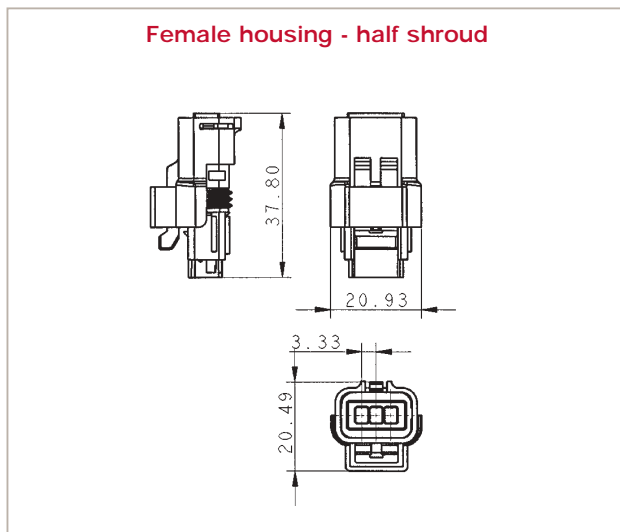
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211 PC032S4081	3	1.5 mm	Female	Yellow	Y
211 PC032S5081	3	1.5 mm	Female	Green	Y
211 PC032S6081	3	1.5 mm	Female	Blue	Y
211 PC032S8081	3	1.5 mm	Female	Grey	Y
211 PC032S9081	3	1.5 mm	Female	White	Y
211 PL032S0049	3	1.5 mm	Male	Black	N
211 PL032S1049	3	1.5 mm	Male	Brown	N
211 PL032S4049	3	1.5 mm	Male	Yellow	N
211 PL032S5049	3	1.5 mm	Male	Green	N
211 PL032S6049	3	1.5 mm	Male	Blue	N
211 PL032S8049	3	1.5 mm	Male	Grey	N

Dimensional characteristics



Notes :

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211PL032S6049



211PL032S6049

3 way coupling Male housing

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Mating Half

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Specifications

General Mechanical Physical Terminal 1 Type Environmental Other Features

General

Application	Wire to Wire
Ways	3
Coding version	Blue
Product Type	Housing
Coding	Yes

Family	Wire to Wire
Features	Pre-assembled front grids support blade terminal guiding and mating Circumferential interface seal Terminal position assurance (T.P.A.) Go-No-Go housing locking principle Rear sealing ensured by a pre-mounted mat-seal Reduced size sealed housing - Sealing protection IP 68 Acceptable wire size range from 0.5 to 2 mm ² for 1.5 mm
Hybrid	No
Main Terminal family	Sicma
Main Terminal size	1.5 mm
Sealed	Yes
Terminal Size	1.5
<u>Mechanical</u>	
Connector mating force	< 60N
<u>Physical</u>	
Color	Blue
Material	PBT
Temperature (Range)	-40°C to +125°C
<u>Terminal 1 Type</u>	
Terminal type 1	Sicma Male 1.5 mm Terminal
Ways for Terminal Type 1	3
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
<u>Environmental</u>	
IMDS	Yes
<u>Other Features</u>	
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.