

Coupling connectors

Sicma

5 way sealed coupling housings for 1.5 mm terminals

Features

- 5 position housings
- 3.33 mm pitch
- 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
- 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

Connector compatibility

- Usable terminals:
 - Sicma-3 1.5 mm female terminals
 - Sicma-3 1.5 mm male terminals

Overview of SICMA housings

Tooling

- T.P.A. removal tool: 210S040
- Terminal removal tool
 - Female terminal: 211S015
 - Male terminal: 211S016
- Cavity plug: 210A015019

Part number	No. of position	Terminal size	Type	Colour	Full schroud
211PC052S0081	5	1.5 mm	Female	Black	N
211PC052S6081	5	1.5 mm	Female	Blue	N
211PC052S8081	5	1.5 mm	Female	Grey	N
211PL052S0049	5	1.5 mm	Male	Black	N
211PL052S6049	5	1.5 mm	Male	Blue	N
211PL052S8049	5	1.5 mm	Male	Grey	N



Product Applications



Terminal System Overview



Housing Overview

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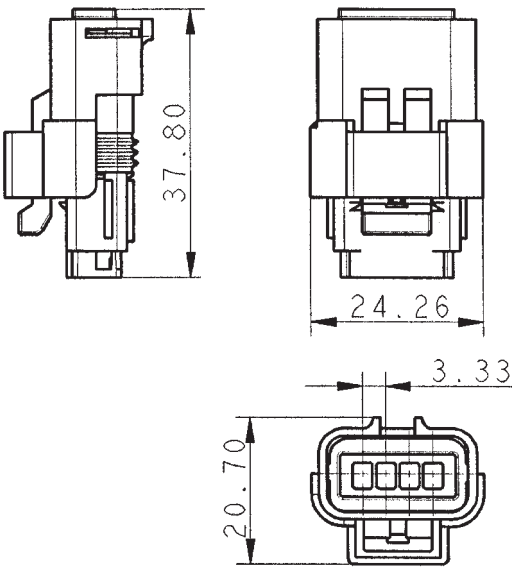


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Dimensional characteristics

Notes :

Female housing - half shroud



Male housing

