

Coupling connectors

DCS-1

3 & 4 way sealed coupling housings for 4.8 and 9.5 mm terminals

Features

- 3 and 4 position housings available
- Circumferential interface seal on female housing
- Waterproof application with single wire seal
- Lateral secondary lock on the 3 position female housing for terminal position assurance (T.P.A.)
- Front secondary lock on the 4 position housing for terminal position assurance (T.P.A.)
- Plastic locking feature
- Mechanical polarization
- Several codes available



Performance characteristics

- Temperature range:
from -40°C to +120°C
- Contact retention force:
> 160 N for 9.5 mm terminals
- Contact insertion force:
< 20 N for 9.5 mm terminals
- Connector mating force: < 150 N
- Sealing protection: IP 67
- Acceptable wire range:
- 4.0 mm² for 4.8 mm terminals
- 10 mm² for 9.5 mm terminals

Construction

- Housing material: PBT
- Interface seal: Silicone

Tooling

- Terminal removal tool: Consult us

Connector compatibility

- Usable terminals:
- 4.8 mm terminals
- DCS-1 9.5 mm female terminals
- DCS-1 9.5 mm male terminals

Part Numbers	No. of position	Terminal size	Type	Code	Colour
6 040 25 01	3	4.8 mm	Female housing	None	Black
6 050 09 01	3	4.8 mm	Male housing	None	Black
6 041 19 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Female housing	1	Black
6 041 25 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Female housing	2	Black
6 051 06 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Male housing	1	Black
6 051 08 01	4	2 x [4.8 mm] + 2 x [9.5 mm]	Male housing	2	Black



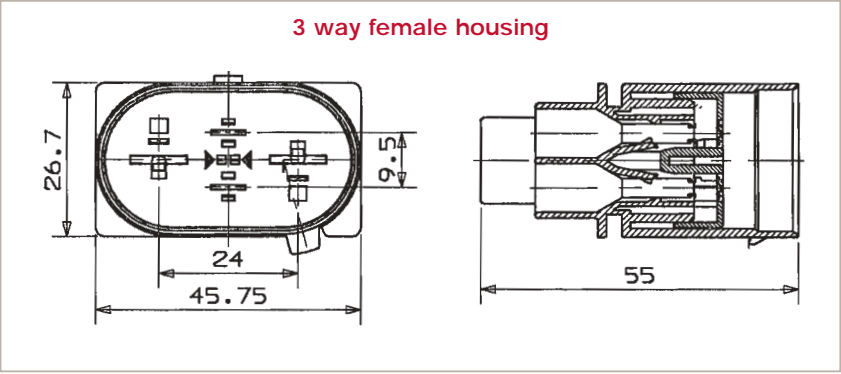
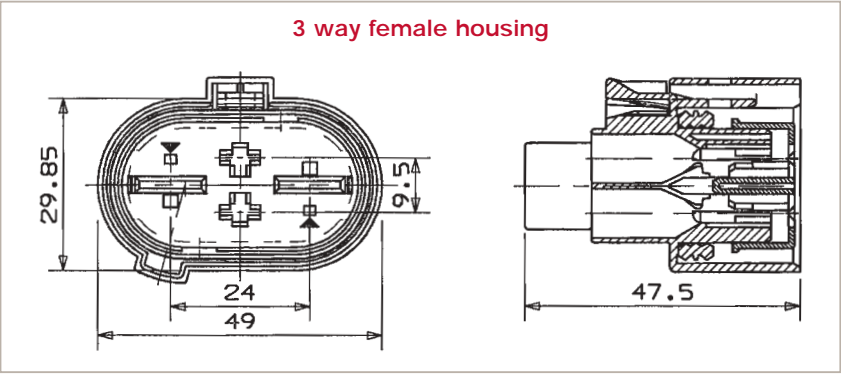
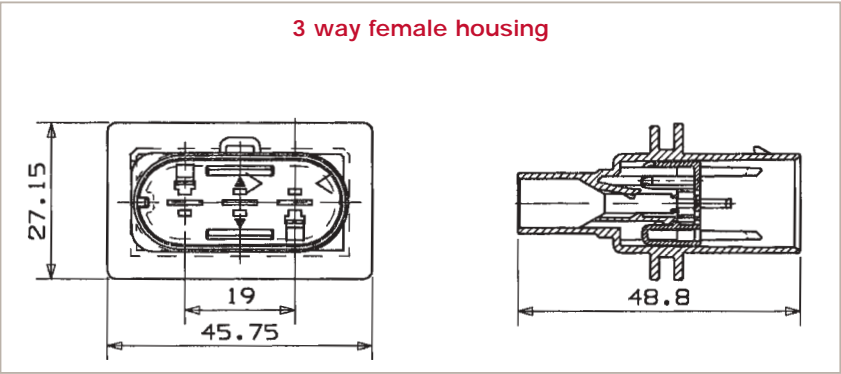
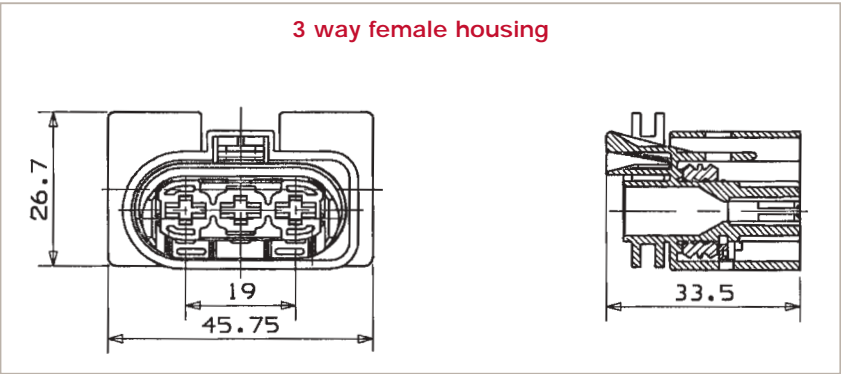
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Dimensional characteristics

Notes:



Mouser Electronics

Authorized Distributor

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