



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

Direct Links ...

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

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3 way coupling Male housing

ACTIVE

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Mating Half

[60402501](#)

Specifications

[General](#) [Mechanical](#) [Physical](#) [Terminal 1 Type](#) [Environmental](#) [Other Features](#)

General

Application	Wire to Wire
Ways	3
Product Type	Housing
Coding	No
Family	Wire to Wire

Features	Waterproof application with single wire seal Mechanical polarization Plastic locking feature Sealing protection IP 67 Front secondary lock on the 4 position housing for terminal position assurance (T.P.A.) Acceptable wire size range 4.0 mm ² for 4.8 mm & 10 mm ² for 2.8 mm Terminals
Hybrid	No
Main Terminal family	Other
Main Terminal size	4.8 mm
Sealed	Yes
Terminal Size	4.8
Mechanical	
Connector mating force	< 150N
Physical	
Color	Black
Material	PBT
Temperature (Range)	-40°C to +120°C
Terminal 1 Type	
Terminal type 1	Male 4.8 mm Terminal
Ways for Terminal Type 1	3
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.