



Fuel tank connectors

DCS-1

5 way sealed connector system for 2.8 mm terminals

Features

5 position female housing:

- Waterproof application with single wire seal
- Flat interface seal
- Double row 5 mm staggered pitch
- Additional terminal locking device pre-assembled on front part of the female housing
- Metal locking feature
- Mechanical polarization
- Several colours available

5 position through flange male connector:

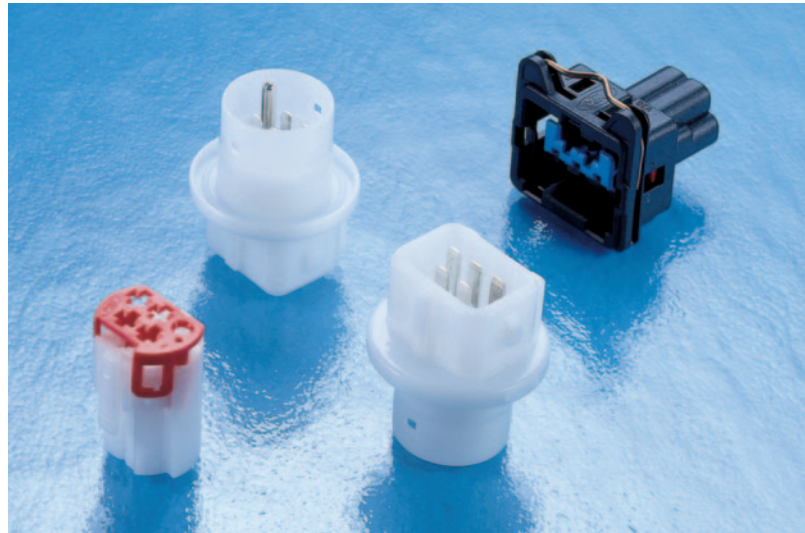
- Moulded-in 2.8 mm male terminals

5 position under flange female housing:

- Non waterproof housing
- Additional terminal locking device pre-assembled on front part of the female housing
- Plastic locking feature
- Mechanical polarization

Performance characteristics

- Temperature range: from -40°C to +120°C
- Contact retention force: > 80 N for female housings
- Contact insertion force: < 20 N DCS-1 standard version < 15 N for DCS-1 box version for female housings



Tooling

- Front device removal tool: Consult us
- Terminal removal tool: consult us

Connector compatibility

- Usable terminals:
 - DCS-1 2.8 mm female terminals (standard version)
 - DCS-1 2.8 mm female terminals (power version)
 - DCS-1 2.8 mm female terminals (box version)

Construction

- Housing material:
 - PBT for female housing
 - POM for through flange male connector
 - POM for under flange female housing
- Flat interface seal: Silicone
- Tab material and plating: CuZn/Sn for male connector

Part Numbers	No. of Position	Terminal size & type	Waterproof	Type	Colour
6 021 05 11	5	2.8 mm Standard/Power	No	Female housing	Black
6 041 02 11	5	2.8 mm Standard/Power	Yes	Female housing	Black
6 021 19 01	5	2.8 mm Box	No	Female housing	Black
6 041 21 01	5	2.8 mm Box	Yes	Female housing	Black
6 312 01 02	5	2.8 mm tab		Through flange male connector	Black
6 021 03 01	5	2.8 mm Standard/Power	No	Under flange female housing	Black
6 400 35 00	5	2.8 mm tab		Through flange male connector	Black

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Dimensional characteristics

Notes:

