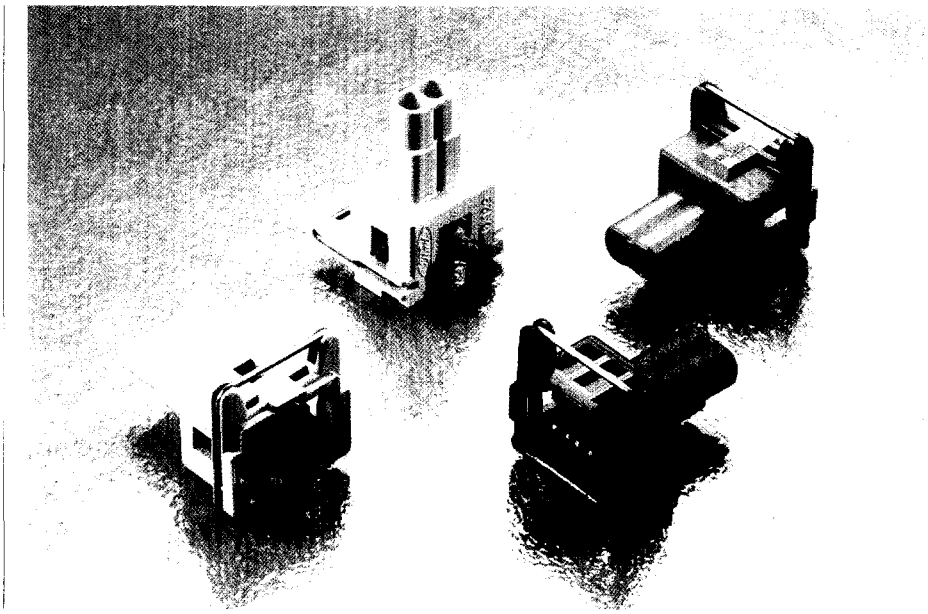
Component to wire connectors
DCS-1

2 way aggregate housings for 2.8 mm terminals

Features

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



Part Numbers	No. of Position	Terminal size	Waterproof	Type	Colour
6 020 04 01	2	2.8 mm	No	Fuel injection type	Black
6 040 02 01	2	2.8 mm	Yes	Fuel injection type	Black
6 040 02 02	2	2.8 mm	Yes	Fuel injection type	Brown
6 040 02 04	2	2.8 mm	Yes	Fuel injection type	Yellow
6 040 02 05	2	2.8 mm	Yes	Fuel injection type	Blue
6 040 02 06	2	2.8 mm	Yes	Fuel injection type	White
6 040 02 07	2	2.8 mm	Yes	Fuel injection type	Green
6 040 02 08	2	2.8 mm	Yes	Fuel injection type	Grey
6 040 02 09	2	2.8 mm	Yes	Fuel injection type	Violet
6 040 29 01	2	2.8 mm	Yes	Fuel injection type	Black
6 040 06 05	2	2.8 mm	Yes	90° version	Blue
6 020 07 01	2	2.8 mm	No	90° version	Black
6 040 06 01	2	2.8 mm	Yes	90° version	Black
6 040 06 02	2	2.8 mm	Yes	90° version	Brown
6 040 06 06	2	2.8 mm	Yes	90° version	White
6 040 06 08	2	2.8 mm	Yes	90° version	Grey
6 040 16 01	2	2.8 mm	Yes	Standard version	Black
6 040 14 09	2	2.8 mm	Yes	Standard version	Violet
6 040 19 01	2	2.8 mm	Yes	Standard version	Black

Performance characteristics

- Temperature range : from -40°C to +120°C
- Contact retention force : > 80 N
- Contact insertion force : < 20 N
- Sealing protection : IP 67
- Acceptable wire range : from 0.35 to 1.5 mm²

Construction

- Housing material : PBT
- Flat interface seal : Silicone

Tooling

- Front device removal tool : 65900000
- Terminal removal tool : 65900100

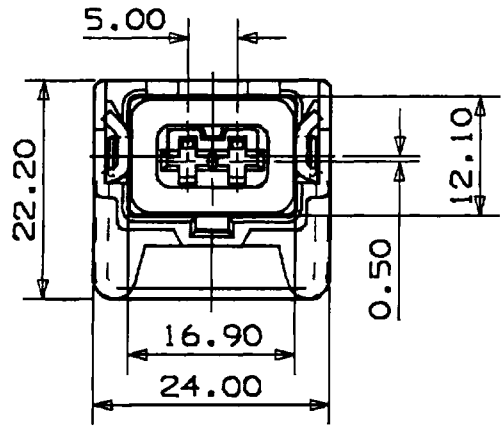
Connector compatibility

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

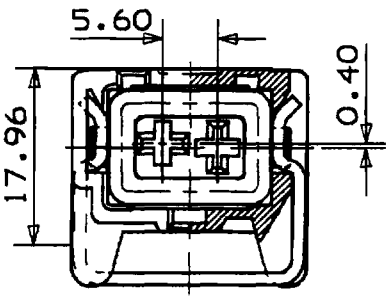
Dimensional characteristics

2 way housings

6 040 02 ..

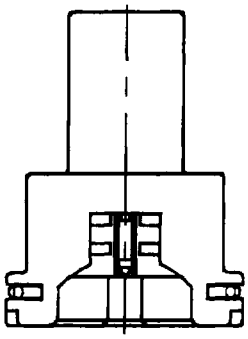


6 040 06 ..

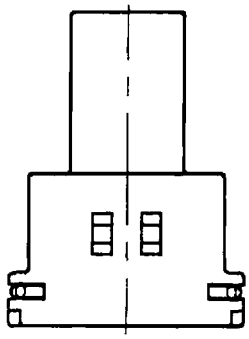


ONE CAVITY TURNED ABOUT 90°

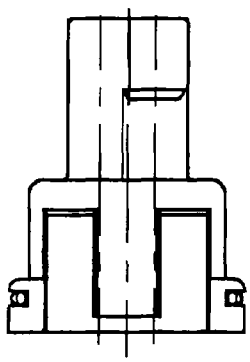
6 040 02 ..



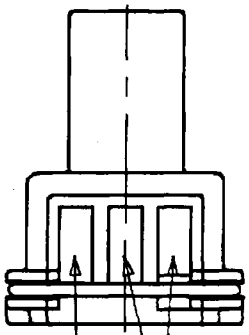
6 040 14 ..



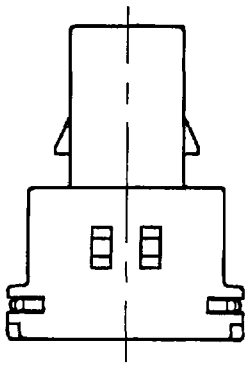
6 040 06 ..



6 040 16 ..



6 040 19 ..



6 040 29 ..