

Direct Links

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

Services

Contact us  
Distributor list  
Pricing request  
Order samples

Literature

Brochures & catalogs  
Product documentation  
Technical library

Start > Search=30320149\* > **30320149**

**30320149**



**30320149**

**10 way coupling Male housing**

ACTIVE

Customer  
Drawing

Automotive division

[Assistant](#) [Add to Favorites](#)

☒ [Email Datasheet](#) ☐ [Print Datasheet](#)

FCI Brings You More

- ☒ [Contact our sales/technical support](#)
- ☒ [Sample request](#)
- ☒ [Price request](#)

Mating Half

30220149

Specifications

- General
- Mechanical
- Physical
- Terminal 1  
Type
- Terminal 2  
Type
- Environmental
- Other  
Features

**General**

Application	Wire to Wire
Ways	10
Coding version	Violet
Product Type	Housing
Coding	Yes
Family	Wire to Wire
Features	Mechanical Polarization Lateral Secondary Lock for Terminal Position Assurance (T.P.A.) Go - No - Go Housing Locking Principle
Hybrid	Yes
Main Terminal family	DCS-2
Main Terminal size	2.8 mm
Sealed	No
Terminal Size	4x2.8+6x1.5

**Mechanical**

Connector mating force	< 100N
------------------------	--------

**Physical**

Color	Violet
Material	PBT
Temperature (Range)	-40°C to +120°C

**Terminal 1 Type**

Terminal type 1	DCS-2 Male 2.8 mm Terminal
Ways for Terminal Type 1	4
Contact insertion force for Terminal Type 1	< 15N
Retention force (Contact) for Terminal Type 1	> 80N

**Terminal 2 Type**

Terminal type 2	DCS-2 Male 1.5 mm Terminal
Ways for Terminal Type 2	6
Contact insertion force for Terminal Type 2	< 10N
Retention force (Contact) for Terminal Type 2	> 55N

**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.

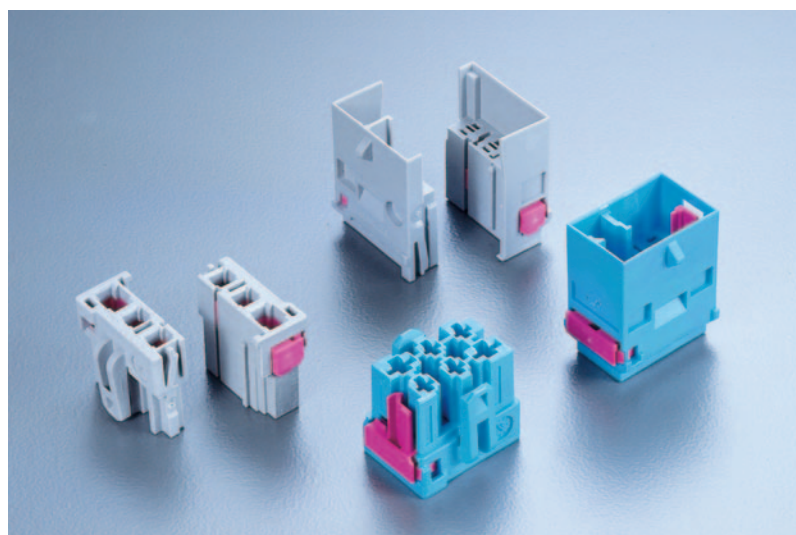
# Coupling connectors

## DCS-2 / 4.8 mm

### 3/6/8/10 way coupling housings for 1.5, 2.8 & 4.8 mm terminals

#### Features

- 3-6-8-10 position housings available
- Lateral secondary lock for terminal position assurance (T.P.A.)
- GO-NO-GO housing locking principle
- 3 position housing can be used as a modular system (to obtain a 6 position housing)
- Mechanical polarization
- Several colours available



#### Performance characteristics

- Temperature range: from -40°C to +120°C
- Contact retention force: > 55 N for 1.5 mm terminals > 80 N for 2.8 mm terminals
- Contact insertion force: < 10 N for 1.5 mm terminals < 15 N for 2.8 mm terminals
- Connector mating force: < 100 N

#### Construction

- Housing material: PBT

#### Tooling

- Terminal removal tool: Consult us

#### Connector compatibility

- Usable terminals:
  - DCS-2 1.5 mm terminals
  - DCS-2 2.8 mm terminals
  - 4.8 mm terminals

Part Numbers	No. of position	Terminal size	Type	Colour
3 023 13 01	3	2 x [2.8 mm] + 1 x [4.8 mm]	Modular female housing	Black
3 023 14 01	3	2 x [2.8 mm] + 1 x [4.8 mm]	Modular female housing	Black
3 033 04 01	3	2 x [2.8 mm] + 1 x [4.8 mm]	Modular male housing	Black
3 033 05 01	3	2 x [2.8 mm] + 1 x [4.8 mm]	Modular male housing	Black
3 020 15 01	4	4 x [2.8 mm]	Modular female housing	Black
3 020 16 01	4	4 x [2.8 mm]	Modular female housing	Black
3 031 03 01	8	8 x [2.8 mm]	Modular male housing	Black
3 023 12 01	6	4 x [2.8 mm] + 2 x [4.8 mm]	Female housing	Black
3 033 03 01	6	4 x [2.8 mm] + 2 x [4.8 mm]	Male housing	Black
3 022 01 01	10	6 x [1.5 mm] + 4 x [2.8 mm]	Female housing	Black
3 032 01 01	10	6 x [1.5 mm] + 4 x [2.8 mm]	Male housing	Black

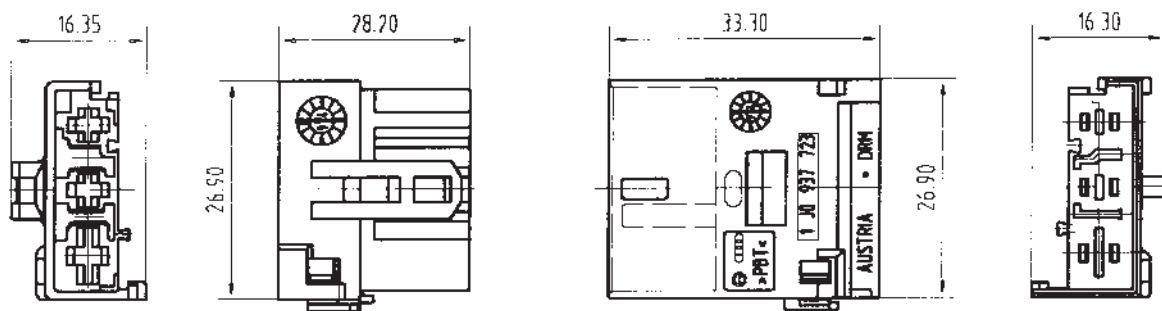
# Coupling connectors

DCS-2 / 4.8 mm

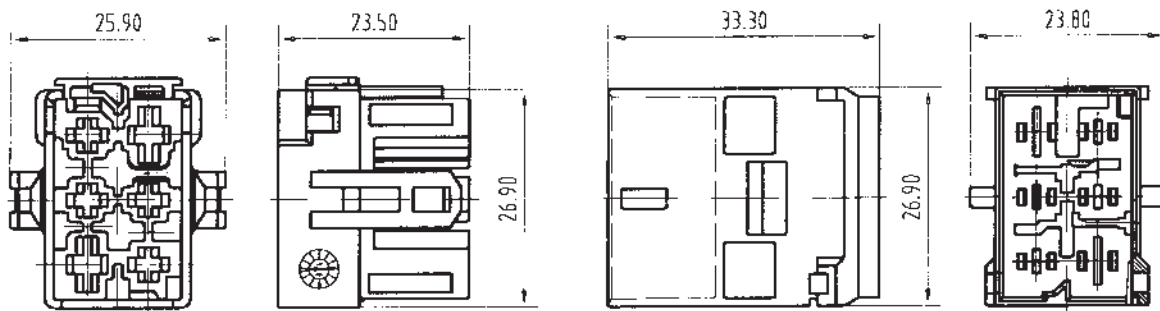
## 3/6/8/10 way coupling housings for 1.5, 2.8 & 4.8 mm terminals

### Dimensional characteristics

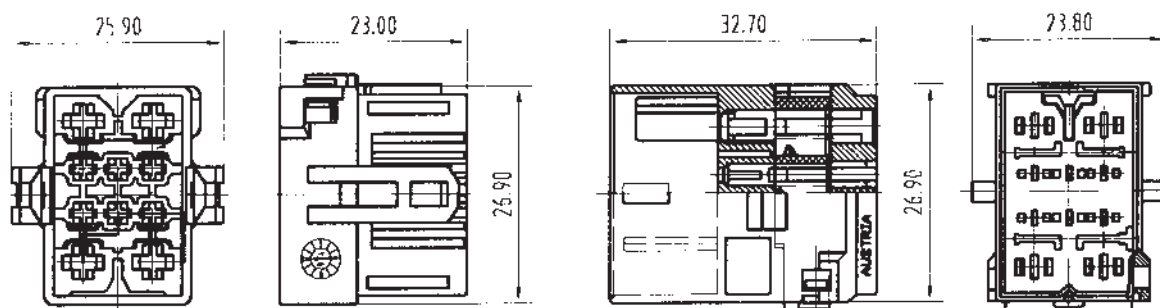
#### 3 way housings



#### 6 way housings



#### 10 way housings



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[30330301](#) [30320101](#)