

Coupling connectors

HPCS / DCS-2

6 way sealed connector system for 2.8 mm terminals

Features

- 6 position housing for 2.8 mm terminals
- Double row connector, pitch 5.6 mm
- Circumferential interface seal
- Waterproof application with single wire sealing possible
- Locking cam (slider) secured in prefixed position
- Terminal position assurance (TPA) on rear side optional
- Holder for corrugated tube optional
- Mechanical polarization



Performance characteristics

- Temperature range: from -40°C to +120°C
- Contact retention force: > 80 N
- Contact insertion force: < 15 N for DCS-2 / < 20 N for HPSCS
- Connector mating force: < 120 N
- Sealing protection: IPX 9 K

Construction

- Housing material: PA / PBT
- Interface seal: Silicone

Tooling

- TPA removal tool: consult us
- Terminal removal tool: consult us
- Cavity plug: consult us

Connector compatibility

- Useable terminals: HPSCS 2.8 mm female terminals
- Matable with: DCS-2 2.8 mm male terminals

Part Numbers	Pos.	Terminal size	Type	Code	Slider	Clip	Colour
3 041 03 01	6	2,8 mm	Female housing ^{*1}	A	Right	-	Black
3 041 03 11	6	2,8 mm	Female housing ^{*1}	B	Right	-	Black
3 041 03 21	6	2,8 mm	Female housing ^{*1}	C	Right	-	Black
3 041 04 01	6	2,8 mm	Female housing ^{*1}	A	Left	-	Black
3 041 04 11	6	2,8 mm	Female housing ^{*1}	B	Left	-	Black
3 041 04 21	6	2,8 mm	Female housing ^{*1}	C	Left	-	Black
3 041 05 01	6	2,8 mm	Female housing ^{*2}	A	Right	-	Black
3 041 05 11	6	2,8 mm	Female housing ^{*2}	B	Right	-	Black
3 041 05 21	6	2,8 mm	Female housing ^{*2}	C	Right	-	Black
3 041 06 01	6	2,8 mm	Female housing ^{*2}	A	Left	-	Black
3 041 06 11	6	2,8 mm	Female housing ^{*2}	B	Left	-	Black
3 041 06 21	6	2,8 mm	Female housing ^{*2}	C	Left	-	Black

^{*1} with holder for rear TPA and corrugated tube

^{*2} with holder for rear TPA

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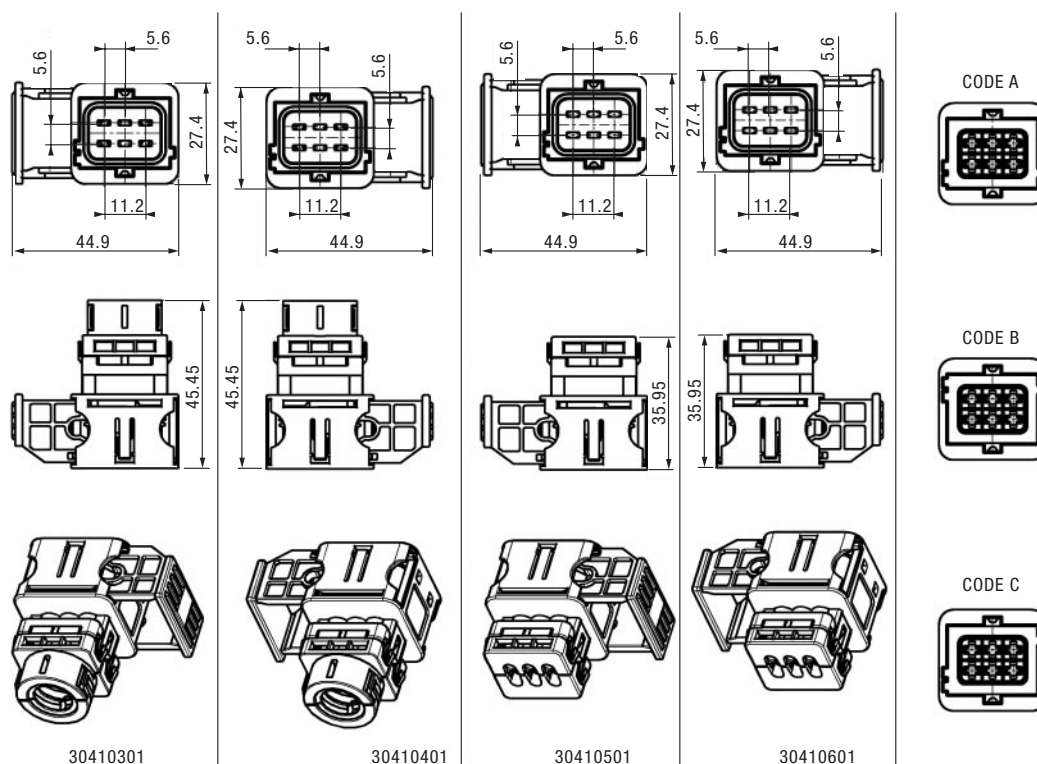
Part Numbers	Pos.	Terminal size	Type	Code	Slider	Clip	Colour
3 051 04 01	6	2.8 mm	Male housing ^{*1}	A	-	Spec.	Black
3 051 04 11	6	2.8 mm	Male housing ^{*1}	B	-	Spec.	Black
3 051 04 21	6	2.8 mm	Male housing ^{*1}	C	-	Spec.	Black
3 051 05 01	6	2.8 mm	Male housing ^{*1}	A	-	Std.	Black
3 051 05 11	6	2.8 mm	Male housing ^{*1}	B	-	Std.	Black
3 051 05 21	6	2.8 mm	Male housing ^{*1}	C	-	Std.	Black
3 051 06 01	6	2.8 mm	Male housing ^{*2}	A	-	Spec.	Black
3 051 06 11	6	2.8 mm	Male housing ^{*2}	B	-	Spec.	Black
3 051 06 21	6	2.8 mm	Male housing ^{*2}	C	-	Spec.	Black
3 051 07 01	6	2.8 mm	Male housing ^{*2}	A	-	Std.	Black
3 051 07 11	6	2.8 mm	Male housing ^{*2}	B	-	Std.	Black
3 051 07 21	6	2.8 mm	Male housing ^{*2}	C	-	Std.	Black
3 051 08 01	6	2.8 mm	Male housing ^{*2}	A	-	Spec.	Black
3 051 08 11	6	2.8 mm	Male housing ^{*2}	B	-	Spec.	Black
3 051 08 21	6	2.8 mm	Male housing ^{*2}	C	-	Spec.	Black

^{*1} with holder for rear TPA and corrugated tube

^{*2} with holder for rear TPA

Clip : Standard or specific
please consult us

Female housing

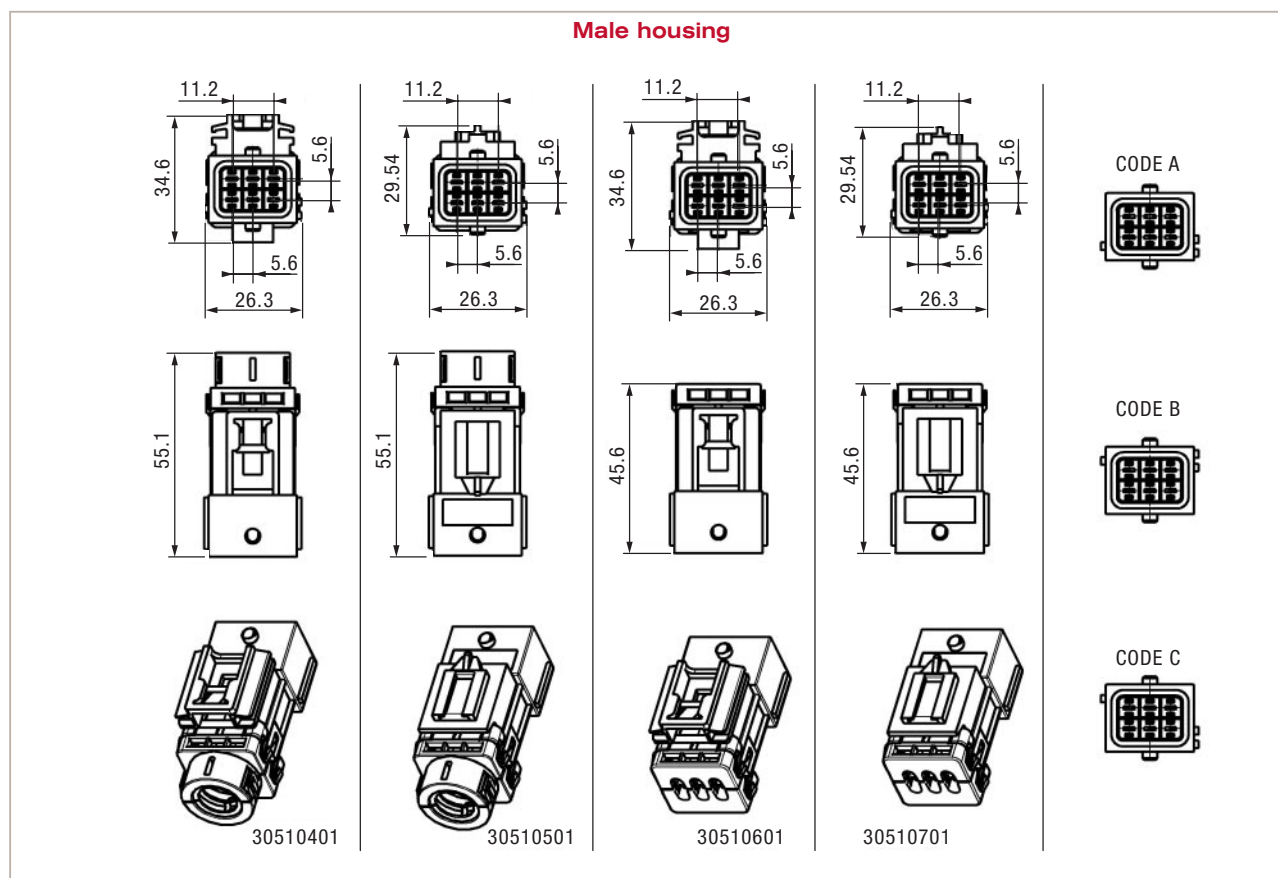


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Dimensional characteristics



Notes :