



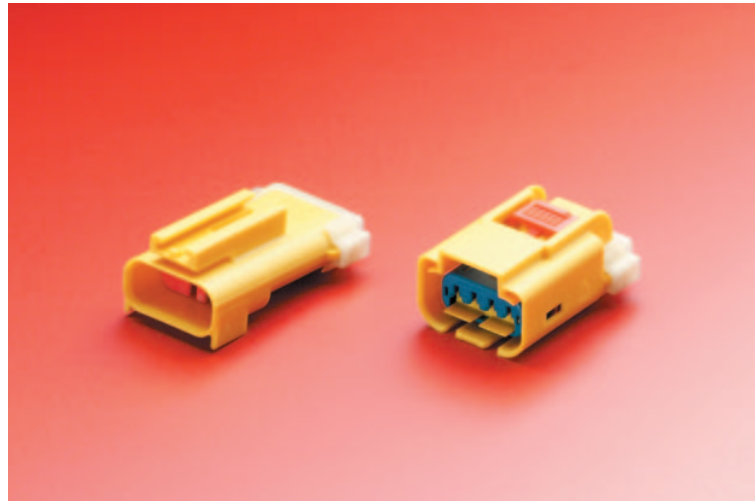
Coupling connectors

Apex

4 way coupling housing for 1.5 mm terminals

Features

- 4 position male and female housing with or without sealing available
- Single row connector, pitch 4.0 mm
- Circumferential interface seal on female housing
- Female housing with connector position assurance (CPA)
- Prefixed terminal position assurance (TPA) actuated from front side
- Rear sealing ensured by mat-seal, seal retainer attached
- Shorting clip available for male housing
- Shorting clip available between circuits 1+2, 3+4 or on both
- Fastening clip feature integrated with male housing
- Several colours and codes available
- Unsealed housing supplied without retainer



Performance characteristics

- Temperature range : from -40°C to +125°C
- Contact retention force : > 90 N
- Contact insertion force : < 15 N
- Connector mating force : < 75 N
- Sealing protection: IPX 9 K
- Acceptable wire range: 22, 20, 18 & 16 AWG

Construction

- Housing material: PA
- Interface seal: Silicone
- Mat seal: Silicone

Connector compatibility

- Usable terminals: Apex 1.5 mm female terminals
- Matable with: Apex 1.5 mm male terminals

Tooling

- TPA removal tool: Consult us
- Terminal removal tool: Consult us
- Cavity plug: Seal retainer comes with two plugs to plug circuit 1+2, 3+4 or no plugs

Part Numbers	No. of position	Terminal size	Type	Sealed	Shorting clip	Colour
54550406	2	1.5 mm	Female housing	Yes	-	Yellow
54550410	4	1.5 mm	Female housing	No	-	Yellow
54550415	4	1.5 mm	Female housing	Yes	-	Yellow
54550409	2	1.5 mm	Male housing	Yes	Pos. 1+2	Yellow
54550413	4	1.5 mm	Male housing	No	Pos. 1+2, 3+4	Yellow
54550414	4	1.5 mm	Male housing	No	Pos. 1+2	Yellow
54550416	4	1.5 mm	Male housing	Yes	Pos. 1+2, 3+4	Yellow

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Dimensional characteristics

