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Product Datasheet Thread	Connector with threaded coupling	
Shell Style	Box mounting receptacle	
Gender	Pin	
Shell Size	24 24-7	
Contact Arrangement Number of contacts	2 contacts size 12, 14 contacts size 16	
Contact Type	Solder Cup	
Contact Plating	Hard silver	
Shielding	no	
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A	
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A	
Contact Resistance	6 mΩ	
(Size 15/15S/16/16S) Contact Resistance (Size 25/12)	3 mΩ	
Operating Voltage	In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41. Acc. To VG95319, part 2, test no. 5.12	
Insulator Resistance	and VG95210, part 32, test no. 3.12 standard insulator material > 1000 MΩ	
Test Voltage	1600 Vrms	
Air and Creepage Paths (Min)	1,1 mm	
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)	
Safety Provisions	IP67 acc. to DIN 40 050	
Salt Spray Resistance	(1 bar pressure after 12 hrs) 48 hours salt spray resistant	
Mating Cycles	500 min	
Sep. Force per Contact	1.0 N	
(Size 15/15S/16/16S)		
Sep. Force per Contact (Size 25/12)	1,5 N For infos on Gage please see catalog	
Gage	VG95234, part 1	
Coupling Torque Contact Retention	Closing: 14 Nm max / Opening: 0,8 Nm min	
(Size 15/15S/16/16S)	35 N	
Contact Retention (Size 25/12)	55 N	
Shell Material	Aluminium alloy	
Shell Plating Insulator and Gromet Material	Black Zinc Cobalt (conductive) Neoprene	
Contact Material	Copper alloy	
Harnessing Info: Contact Cross-Section	See assembly instruction	
Harnessing Info: Insulator Diameter	See assembly instruction	
Wire Stripping (Size 15/15S/16/16S)	6,2 mm	
Wire Stripping (Size 25/12)	6,2 mm	
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210	
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