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Part Number Search

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Our Descriptive Part Number: MS3108R14S5S

Our Global Manufacturing Part Number: 038418-0008

<input type="button" value="x"/>	CONSULT FACTORY	RoHS compliant =	material restrictions of lead, cadmium, hexavalent chromium, mercury, poly bromated biphenyl ether (PBB) and poly bromide diphenyl ether (PBDE) according to directive 2002/95/EC
	CONSULT FACTORY	RoHS compatible =	Compatible with lead free soldering process

Export Compliance		
<input type="button" value="x"/>	Country of Compliance	United States
	Export Compliance Notes	Commercial Shipments "C" Controlled by the US Department of Commerce.

Product Datasheet	
Thread	Connector with threaded Coupling
Shell Style	Plug, 90°
Endbell Style	Shortened light-weight endbell without cable clamp
Gender	Socket
Shell Size	14S
Contact Arrangement	14S-5
Number of contacts	5 contacts size 16S
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 Resistance (Size 15/15S/16/16S)	6 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.
Insulator Resistance	Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ
Test Voltage	1050 Vrms
Air and Creepage Paths (Min)	0,7 mm
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)
Safety Provisions	IP67 acc. to DIN 40 050 (1 bar pressure after 12 hrs)
Mating Cycles	500 min
Sep. Force per Contact (Size 15/15S/16/16S)	1,0 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 3,6 Nm max / Opening: 0,35 Nm min
Contact Retention (Size 15/15S/16/16S)	35 N
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate coating over cadmium plating
Insulator and Gromet Material	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
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>