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Part Number Search

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Our Catalog Part Number: MS3106F16S1S
Our Global Manufacturing Part Number: 045274-0002
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

	NO 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
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Export Compliance		
	Country of Compliance	United States
	Export Compliance Notes	Commercial Shipments "C" Controlled by the US Department of Commerce.

Product Datasheet	Download Datasheet
Thread	Connector with threaded coupling
Shell Style	Plug, straight
Endbell Style	Shortened light-weight endbell without cable clamp
Gender	Socket
Shell Size	16S
Contact Arrangement	16S-1
Number of contacts	7 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	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 (1 bar pressure after 12 hrs)
Salt Spray Resistance	500 hours salt spray resistant
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: 5,5 Nm max / Opening: 0,46 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	All tests in accordance with VG95319 and/or if applicable with VG95210

Specifications and dimensions subject to change.