

MS3106E18-11SX

Part Number Details

ittPartNo	MS3106E18-11SX
Global Mfg Part No.	024271-0024 X
line	MIL-DTL 5015 Series I
series	MIL-C-5015
category	Circular
brand	Cannon

Thread	Connector with threaded coupling
Shell Style	Plug, straight
Endbell Style	Endbell with clamp and bushing
Gender	Socket
Shell Size	18
Contact Arrangement	18-11
Number of contacts	5 contacts size 12
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Shielding	no
Insulator Rotation	170°
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
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.
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	IP65 acc. to DIN 40 050
Salt Spray Resistance	500 hours salt spray resistant
Mating Cycles	500 min
Sep. Force per Contact (Size 25/12)	1,5 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 8 Nm max / Opening: 0,58 Nm min
Contact Retention (Size 25/12)	55 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 25/12)	6,2 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>
SC_P_Code	CA
rohsCompliantFlag	NO
rohsCompliantString	material restrictions of lead, cadmium, hexavalent chromium, mercury, poly bromated biphenyl ether (PBB) and poly bromide diphenyl ether (PBDE) according to directive 2011/65/EU

Drawings for this part are available. Upon request your will be asked to provide your contact information at which time the appropriate drawing files will be sent to you via email.

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A datasheet is available for download.

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Part Number	Distributor	Qty	Location
MS3106E18-11SXF187	PEI-Genesis, Inc.	594	United Kingdom
MS3106E18-11SX	Arrow Electronics	308	United States
MS3106E18-11SXF187	PEI-Genesis, Inc.	594	United States
MS3106E18-11SX	Arrow Electronics	74	United States

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