



Datasheet for part number MS3106R20-18SZ

Our Catalog Part Number: MS3106R2018SZ	
Brand: Cannon	Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

Product Datasheet	
Thread	Connector with threaded coupling
Shell Style	Plug, straight
Endbell Style	Shortened light-weight endbell without cable clamp
Gender	Socket
Shell Size	20
Contact Arrangement	20-18
Number of contacts	3 contacts size 12, 6 contacts size 16
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Shielding	no
Insulator Rotation	325°
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 (Size 15/15S/16/16S)	6 mΩ
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 15/15S/16/16S)	1,0 N
Sep. Force per Contact (Size 25/12)	1,5 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 9 Nm max / Opening: 0,7 Nm min
Contact Retention (Size 15/15S/16/16S)	35 N
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

Specifications and dimensions subject to change.



Datasheet for part number MS3106R20-18SZ

Our Catalog Part Number: MS3106R2018SZ	
Brand: Cannon	Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

Product Datasheet	
Wire Stripping (Size 15/15S/16/16S)	6,2 mm
Wire Stripping (Size 25/12)	6,2 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [itt](#) manufacturer:

Other Similar products are found below :

[BKAF3-68102-25](#) [MS3106E22-14P](#) [MS3106E22-22PY](#) [MS3100E22-22P](#) [MS3106E22-22PX](#) [MDM-37PCBR-F222](#) [CA3108E14S-5PBA176A232](#) [KPSE06F20-41SA206F0](#) [CB2-18-3SCA232](#) [KPSE00F106PWF0](#) [KPSE00F10-6P-FO](#) [CT6E18-11SCA206](#) [CA3101E10SL-4SF80DN](#) [MS3100F14S-7S](#) [CA3101E10SL-4PBA176F42](#) [MS3101E181SW](#) [KPSE00E10-6PW](#) [024251-0016-R](#) [024253-0025](#) [024265-0001](#) [024270-0015](#) [024271-0022](#) [024273-0043](#) [024288-0001](#) [M24308/23-57Z](#) [M24308/24-21F](#) [M24308/24-33Z](#) [CT1F22-7SS](#) [CT2-20-23SWS](#) [CT2-20-23SXS](#) [CT2-36-10PCAU](#) [CT6-24-11PSA206](#) [CT6F36-10PCA152](#) [CT6F9767-14-4-14S-5PC](#) [CT6T9767-14-4-14SA7SS](#) [D38999/20FG16PA-LC - MD1-21PS](#) [MDM-15PH001B-A174](#) [MDM-15PH003B-A174](#) [MDM-21SCBR-A174](#) [MDM-21SCBRP-A174](#) [MDM-21SH003B](#) [MDM25PH003BF222](#) [MDM-31SBRP](#) [MDM-37PBRT](#) [MDM37SH004PA174](#) [MDM-37SH013P](#) [MDM-51PSF](#) [MDM-51SCBRPL56](#) [MDM96514-336](#)