Datasheet for part number CA3106E32A10S-F80-F0

Our Catalog Part Number: CA3106E32A10S-F80-F0
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	Endbell with clamp and bushing
Gender	Socket
Shell Size	32
Contact Arrangement	32A10
Number of contacts	54 contacts size 16
Contact Type	AWG Crimp
Contact Plating	Hard silver
Contacts installed	no, delivery without contacts
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	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
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 19 Nm max / Opening: 1,03 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*
SC_P_Code	CA

Specifications and dimensions subject to change.

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