Datasheet for part number CA3102E36-10SY-F80

Our Catalog Part Number: CA3102E36-10SY-F80
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	Box mounting receptacle
Gender	Socket
Shell Size	36
Contact Arrangement	36-10
Number of contacts	48 contacts size 10
Contact Type	AWG Crimp
Contact Plating	Hard silver
Contacts installed	not assembled, packed separately
Shielding	no
Insulator Rotation	235°
Contact Rating at +20 °C (68 °F) (Size 10/20)	8 A
Contact Resistance (Size 10/20)	12 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 10/20)	0,3 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 23 Nm max / Opening: 1,03 Nm min
Contact Retention (Size 10/20)	30 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 10/20)	4 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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