



Datasheet for part number CA3106R36-A46SF80A176

Our Catalog Part Number: CA3106R36A46S-F80-A176
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	36
Contact Arrangement	36A46
Number of contacts	27 contacts size 12
Contact Type	AWG Crimp
Contact Plating	Gold 0,5 μ
Contacts installed	not assembled, packed separately
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Resistance (Size 25/12)	3 m Ω
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 M Ω
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: 23 Nm max / Opening: 1,03 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>