Datasheet for part number CA3106E36-3SBF80

Our Catalog Part Number: CA3106E36-3S-B-F80
Our Global Manufacturing Part Number: 121146-0036
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Product Datasheet	
Bayonet	Connector with bayonet coupling
Shell Style	Plug, straight
Endbell Style	Endbell with clamp and bushing
Gender	Socket
Shell Size	36
Contact Arrangement	36-3
Number of contacts	3 contacts size 0, 3 contacts size 12
Contact Type	AWG Crimp
Contact Plating	Hard silver
Contacts installed	not assembled, packed separately
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Rating at +20 °C (68 °F) (Size 500/0)	245 A
Contact Resistance (Size 25/12)	3 mΩ
Contact Resistance (Size 500/0)	0,2 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	2500 Vrms
Air and Creepage Paths (Min)	2,8 mm
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)
Safety Provisions	IP67 and IP68 (1 bar pressure after 12 hrs) 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
Sep. Force per Contact (Size 500/0)	8,5 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
Contact Retention (Size 500/0)	95 N
Shell Material	Aluminium alloy
Shell Plating	Olive drab chromate over cadmium plating (conductive)
Insulator and Grommet Material	CR-Elastomere
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

Specifications and dimensions subject to change.

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Product Datasheet	
Wire Stripping (Size 500/0)	13,7 mm
General Info	*All tests in accordance with VG95319 and/or if applicable with VG95210*

Specifications and dimensions subject to change.