Datasheet for part number CA3102E18-11S-B-A34

Our Catalog Part Number: CA3102E18-11S-B-A34
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET

Product Datasheet	
Bayonet	Connector with bayonet coupling
Shell Style	Box mounting receptacle
Gender	Socket
Shell Size	18
Contact Arrangement	18-11
Number of contacts	5 contacts size 12
Contact Type	Solder Cup
Contact Plating	Hard silver
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
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	2000 Vrms
Air and Creepage Paths (Min)	1,1 mm
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)
Safety Provisions	IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)
Mating Cycles	500 min
Sep. Force per Contact (Size 25/12)	1,5 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 8 Nm max / Opening: 0,58 Nm min
Contact Retention (Size 25/12)	55 N
Shell Material	Aluminium alloy
Shell Plating	Nickel plated
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
General Info	*All tests in accordance with VG95319 and/or if applicable with VG95210*

Specifications and dimensions subject to change.

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