



Datasheet for part number CA3102E16-9S-A240

Our Catalog Part Number: CA3102E16-9S-A240
Our Global Manufacturing Part Number: 121431-0179
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

Product Datasheet	
Thread	<a href="https://secure.ittcannon.com">https://secure.ittcannon.com</a> 
Shell Style	Box mounting receptacle
Gender	Socket
Shell Size	16
Contact Arrangement	16-9
Number of contacts	2 contacts size 12, 2 contacts size 16
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Shielding	no
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Resistance (Size 15/15S/16/16S)	6 mΩ
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	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
Sep. Force per Contact (Size 25/12)	1,5 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 5,5 Nm max / Opening: 0,46 Nm min
Contact Retention (Size 15/15S/16/16S)	35 N
Contact Retention (Size 25/12)	55 N
Shell Material	Aluminium alloy
Shell Plating	Zinc nickel, blue grey metallic (conductive)
Insulator and Gromet Material	Neoprene
Contact Material	Copper alloy
Harnessing Info: Contact Cross-Section	<a href="#">See assembly instruction</a>
Harnessing Info: Insulator Diameter	<a href="#">See assembly instruction</a>

Specifications and dimensions subject to change.



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Product Datasheet	
Wire Stripping (Size 15/15S/16/16S)	6,2 mm
Wire Stripping (Size 25/12)	6,2 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>
SC_P_Code	CA

# Mouser Electronics

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