

Datasheet for part number CA3101E24-20S

Our Catalog Part Number: CA3101E24-20S

Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

Thread Connector with threaded coupling	
Endbell Style Endbell with clamp and bushing Gender Socket Shell Size 24 Contact Arrangement 24-20 Number of contacts 2 contacts size 12, 9 contacts size 16 Contact Type Solder Cup Contact Plating Hard silver Contact Plating Personance Contact Rating at +20 °C (68 °F) 22 A Size 15/15S/16/16S) 22 A Contact Rating at +20 °C (68 °F) 41 A Size 25/12) 41 A Contact Resistance 6 mΩ Contact Resistance (Size 25/12) 3 mΩ In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 4° 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 IP65 acc. to DIN 40 050 Salt Spray Resistance 500 hours salt spray resistant Mating Cycles	
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Coupling Torque Closing: 14 Nm may / Opening: 0.8 Nm min	
Oldsing. 14 Min Hax / Opening. 0,0 Min Hill	
Contact Retention (Size 15/15S/16/16S) 35 N	
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 15/15S/16/16S) Specifications and dimensions subject to change.	



Datasheet for part number CA3101E24-20S

Our Catalog Part Number: CA3101E24-20S		
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015		

Product Datasheet	
Wire Stripping (Size 25/12)	6,2 mm
General Info	All tests in accordance with VG95319 and/or if applicable with VG95210