



Datasheet for part number CA06PG24-7SF80-44

Our Catalog Part Number: CA06PG24-7S-F80-44
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	Endbell for PG cable gland termination with ferrule and grommet
Gender	Socket
Shell Size	24
Contact Arrangement	24-7
Number of contacts	2 contacts size 12, 14 contacts size 16
Contact Type	AWG Crimp
Contact Plating	Hard silver
Contacts installed	not assembled, packed separately
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: 14 Nm max / Opening: 0,8 Nm min
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	<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>