ITT

Datasheet for part number CA3108F20-29SWF80F42

Our Catalog Part Number: CA3108F20-29SW-F80-F42
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, 90°
Endbell Style	without Endbell
Gender	Socket
Shell Size	20
Contact Arrangement	20-29
Number of contacts	17 contacts size 16
Contact Type	AWG Crimp
Contact Plating	Hard silver
Shielding	no
Insulator Rotation	80°
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Resistance (Size 15/15S/16/16S)	6 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	IP67 acc. to DIN 40 050 (1 bar pressure after 12 hrs)
Salt Spray Resistance	500 hours salt spray resistant
Mating Cycles	500 min
Sep. Force per Contact (Size 15/15S/16/16S)	1,0 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 9 Nm max / Opening: 0,7 Nm min
Contact Retention (Size 15/15S/16/16S)	35 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)	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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CA08COM-F14S-2S CA3100F18-10PB CA3102E16S-5SB CA3102E18-10PYBF80 CA3102R18-10PY KPT06J-14-12P MS3106E2222P CA3101F14S-A7PA206 CA3102E16-10PXBF80 CA3102R18-22SF80 CA3108E24-10PBF80 CA3108R20-23SB MS3101R10SL-4S CA06COME14SA7S-44 CA3102E16S-1SWBF80A176 XLR531 1929900460 CA3102E24A24PB01A176 CA3102R14S-6S CB12-12SG 192900-0030 CA3102R16S-4P KPT02E-12-3S KPT04-12-3S MS3102E12S3P MS3106F16S-8S VG95234B1-28-11SN CA3102E16S-1PWBF80A176 KPT02E83AP VG95234B1-22-22PN