ITT

Datasheet for part number CA3100F20-24S-F80

Our Catalog Part Number: CA3100F20-24S-F80
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	Wall mounting receptacle
Endbell Style	Endbell for flex tube
Gender	Socket
Shell Size	20
Contact Arrangement	20-24
Number of contacts	2 contacts size 8, 2 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 60/100/8)	74 A
Contact Resistance (Size 15/15S/16/16S)	6 mΩ
Contact Resistance (Size 60/100/8)	1 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 60/100/8)	3,0 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
Contact Retention (Size 60/100/8)	80 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

Specifications and dimensions subject to change.

Downloaded from Arrow.com.

Datasheet for part number CA3100F20-24S-F80

Our Catalog Part Number: CA3100F20-24S-F80
Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015

Product Datasheet	
Wire Stripping (Size 60/100/8)	11,8 mm
General Info	*All tests in accordance with VG95319 and/or if applicable with VG95210*
SC_P_Code	CA

Specifications and dimensions subject to change.

Downloaded from Arrow.com.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

ITT:

CA3102R14S-6S KPT02E83AP MS3102E12S3P VG95234B1-28-11SN XLR531
CA3102E16S-1SWBF80A176 CA3108R20-23SB MS3101R10SL-4S 192900-0030 CA3102R18-10PY
VG95234B1-22-22PN CA3101F14S-A7PA206 MS3106E2222P CA08COM-F14S-2S CA3100F18-10PB
CA3108E24-10PBF80 1929900460 CA3102E24A24PB01A176 CB12-12SG KPT04-12-3S MS3106F16S-8S
CA3102E16-10PXBF80 CA06COME14SA7S-44 CA3102E16S-1PWBF80A176 CA3102E16S-5SB
CA3102E18-10PYBF80 CA3102R16S-4P CA3102R18-22SF80 KPT02E-12-3S KPT06J-14-12P