



Datasheet for part number CA08COMF16-12S

Our Catalog Part Number: CA08COM-F16-12S
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM

Product Datasheet	
Thread	Connector with Threaded Coupling
Shell Style	Plug, 90°
Endbell Style	Endbell for flex tube (w/o grommet and ferrule)
Gender	Socket
Shell Size	16
Contact Arrangement	16-12
Number of contacts	1 contacts size 4
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Contact Rating at +20 °C (68 °F) (Size 160/4)	135 A
Contact Resistance (Size 160/4)	0,5 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	≥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 (only applies if a grommet is used)
Mating Cycles	500 min
Sep. Force per Contact (Size 160/4)	4,0 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 3,5 Nm max / Opening: 0,46 Nm min
Contact Retention (Size 160/4)	90 N
Shell Material	Aluminium alloy
Shell Plating	Nickel plated
Insulator and Gromet Material	CR-Elastomere
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>
Wire Stripping (Size 160/4)	11,8 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210 except salt spray resistance and heat and humidity endurance test</i>