



Datasheet for part number CA01COME20-8SB

Our Catalog Part Number: CA01COM-E20-8S-B
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM-B

Product Datasheet	
Bayonet	Connector with Bayonet Coupling
Shell Style	Cable connecting plug
Endbell Style	Endbell with clamp and bushing (w/o grommet and ferrule)
Gender	Socket
Shell Size	20
Contact Arrangement	20-8
Number of contacts	2 contacts size 8, 4 contacts size 16
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
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	≥1000 MΩ
Test Voltage	1050 Vrms
Air and Creepage Paths (Min)	0,7 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 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: 4,5 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	Nickel plated
Insulator and Gromet Material	CR-Elastomere
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
Wire Stripping (Size 60/100/8)	11,8 mm

Specifications and dimensions subject to change.



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Product Datasheet	
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>