



Datasheet for part number CA00COME20-14PB-44

Our Catalog Part Number: CA00COM-E20-14P-B-44
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM-B

Product Datasheet	
Bayonet	Connector with Bayonet Coupling
Shell Style	Wall mounting receptacle
Endbell Style	Endbell with ferrule and grommet
Gender	Pin
Shell Size	20
Contact Arrangement	20-14
Number of contacts	3 contacts size 12, 2 contacts size 8
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Rating at +20 °C (68 °F) (Size 60/100/8)	74 A
Contact Resistance (Size 25/12)	3 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	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 25/12)	1,5 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 25/12)	55 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 25/12)	6,2 mm
Wire Stripping (Size 60/100/8)	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>