



Datasheet for part number CA01COME32-1PB01

Our Catalog Part Number: CA01COM-E32-1P-B-01
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	Pin
Shell Size	32
Contact Arrangement	32-1
Number of contacts	2 contacts size 0, 3 contacts size 12
Contact Type	Metric Crimp
Contact Plating	Hard silver
Contacts installed	not assembled, packed separately
Contact Rating at +20 °C (68 °F) (Size 25/12)	41 A
Contact Rating at +20 °C (68 °F) (Size 500/0)	245 A
Contact Resistance (Size 25/12)	3 mΩ
Contact Resistance (Size 500/0)	0,2 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	2500 Vrms
Air and Creepage Paths (Min)	2,8 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 500/0)	8,5 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 8,5 Nm max / Opening: 1,03 Nm min
Contact Retention (Size 25/12)	55 N
Contact Retention (Size 500/0)	95 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 500/0)	13,7 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>