



Datasheet for part number CA02COM-E24-12P-B

Our Catalog Part Number: CA02COM-E24-12P-B
Our Global Manufacturing Part Number: 121521-0030
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM-B

Product Datasheet	
Bayonet	Connector with Bayonet Coupling
Shell Style	Box mounting receptacle
Gender	Pin
Shell Size	24
Contact Arrangement	24-12
Number of contacts	2 contacts size 4, 3 contacts size 12
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 160/4)	135 A
Contact Resistance (Size 25/12)	3 mΩ
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)
Mating Cycles	500 min
Sep. Force per Contact (Size 25/12)	1,5 N
Sep. Force per Contact (Size 160/4)	4,0 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 6 Nm max / Opening: 0,8 Nm min
Contact Retention (Size 25/12)	55 N
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 25/12)	6,2 mm
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>