



Datasheet for part number CA02COML18-1PBA176

Our Catalog Part Number: CA02COM-L18-1P-B-A176
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	18
Contact Arrangement	18-1
Number of contacts	10 contacts size 16
Contact Type	PCB $\varnothing$ 0,76
Contact Plating	Gold 0,5 $\mu$
Contacts installed	yes
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Resistance (Size 15/15S/16/16S)	6 m $\Omega$
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	$\geq$ 1000 M $\Omega$
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 15/15S/16/16S)	1,0 N
Gauge	For infos on Gauge please see catalog VG95234, part 1
Coupling Torque	Closing: 4 Nm max / Opening: 0,58 Nm min
Contact Retention (Size 15/15S/16/16S)	35 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 15/15S/16/16S)	6,2 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>