



Datasheet for part number CA01COME18-1SBF42

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| Our Catalog Part Number: CA01COM-E18-1S-B-F42                                      |
| Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM-B |

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|--|---|
| Product Datasheet  |   |
| Bayonet  | Connector with Bayonet Coupling   |
| Shell Style  | Cable connecting plug   |
| Endbell Style  | without Endbell   |
| Gender   | Socket  |
| Shell Size   | 18  |
| Contact Arrangement                                      | 18-1  |
| Number of contacts                                       | 10 contacts size 16   |
| Contact Type   | Solder Cup  |
| Contact Plating  | Hard silver   |
| Contacts installed                                       | yes   |
| Contact Rating at +20 °C (68 °F)<br>(Size 15/15S/16/16S) | 22 A  |
| Contact Resistance<br>(Size 15/15S/16/16S)               | 6 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<br>(Size 15/15S/16/16S)           | 1,0 N   |
| Gage   | For infos on Gage please see catalog VG95234, part 1  |
| Coupling Torque  | Closing: 4 Nm max / Opening: 0,58 Nm min  |
| Contact Retention<br>(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<br>(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> |