



Datasheet for part number CA06COME18-9SB

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| Our Catalog Part Number: CA06COM-E18-9S-B  |
| 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  | Plug, straight   |
| Endbell Style  | Endbell with clamp and bushing (w/o grommet and ferrule)   |
| Gender   | Socket   |
| Shell Size   | 18   |
| Contact Arrangement                                      | 18-9   |
| Number of contacts                                       | 2 contacts size 12, 5 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 Rating at +20 °C (68 °F)<br>(Size 25/12)         | 41 A   |
| Contact Resistance<br>(Size 15/15S/16/16S)               | 6 mΩ   |
| Contact Resistance (Size 25/12)                          | 3 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   | 1050 Vrms  |
| Air and Creepage Paths (Min)                             | 0,7 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  |
| Sep. Force per Contact (Size 25/12)                      | 1,5 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<br>(Size 15/15S/16/16S)                | 35 N   |
| Contact Retention (Size 25/12)                           | 55 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   |
| Wire Stripping (Size 25/12)                              | 6,2 mm   |

Specifications and dimensions subject to change.



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|-------------------|---|
| Product Datasheet |   |
| 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> |