



Datasheet for part number CA06COME18-10S01

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| Our Catalog Part Number: CA06COM-E18-10S-01                                      |
| Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM |

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|--|---|
| Product Datasheet                                |   |
| Thread   | Connector with Threaded Coupling  |
| Shell Style                                      | Plug, straight  |
| Endbell Style                                    | Endbell with clamp and bushing (w/o grommet and ferrule)  |
| Gender   | Socket  |
| Shell Size                                       | 18  |
| Contact Arrangement                              | 18-10   |
| Number of contacts                               | 4 contacts size 12  |
| Contact Type                                     | Metric Crimp  |
| Contact Plating                                  | Hard silver   |
| Contacts installed                               | not assembled, packed separately  |
| Contact Rating at +20 °C (68 °F)<br>(Size 25/12) | 41 A  |
| 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                                     | 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 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 (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 (Size 25/12)                      | 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> |