



## Datasheet for part number CA02COME18-19S

|                                          |                            |                          |                |
|------------------------------------------|----------------------------|--------------------------|----------------|
| Our Catalog Part Number: CA02COM-E18-19S |                            |                          |                |
| Brand: Cannon                            | Product Category: Circular | Product Line: CA Bayonet | Series: CA COM |

| Product Datasheet                                        |                                                                                                                                                 |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Thread                                                   | Connector with Threaded Coupling                                                                                                                |
| Shell Style                                              | Box mounting receptacle                                                                                                                         |
| Gender                                                   | Socket                                                                                                                                          |
| Shell Size                                               | 18                                                                                                                                              |
| Contact Arrangement                                      | 18-19                                                                                                                                           |
| 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> |

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