



## Datasheet for part number CA02COM-E18-11S

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| Our Catalog Part Number: CA02COM-E18-11S                                         |
| Our Global Manufacturing Part Number: 121467-0017                                |
| 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                              | 18-11                                                                                                                                           |
| Number of contacts                               | 5 contacts size 12                                                                                                                              |
| Contact Type                                     | Solder Cup                                                                                                                                      |
| Contact Plating                                  | Hard silver                                                                                                                                     |
| Contacts installed                               | yes                                                                                                                                             |
| 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)                                                                                             |
| 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> |