



Datasheet for part number CA02COML14S-A7P

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| Our Catalog Part Number: CA02COM-L14SA7P                                         |
| 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                                                   | Pin                                                                                                                                             |
| Shell Size                                               | 14S                                                                                                                                             |
| Contact Arrangement                                      | 14SA7                                                                                                                                           |
| Number of contacts                                       | 7 contacts size 16S                                                                                                                             |
| Contact Type                                             | PCB $\varnothing$ 0,76                                                                                                                          |
| 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 m $\Omega$                                                                                                                                    |
| 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                                     | $\geq$ 1000 M $\Omega$                                                                                                                          |
| 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                                                                                                                                           |
| Gauge                                                    | For infos on Gauge please see catalog VG95234, part 1                                                                                           |
| Coupling Torque                                          | Closing: 3,0 Nm max / Opening: 0,35 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> |