



Datasheet for part number CA02COM-E24-10P

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| Our Catalog Part Number: CA02COM-E24-10P   |
| Our Global Manufacturing Part Number: 121470-0050                                |
| 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   | Box mounting receptacle   |
| Gender  | Pin   |
| Shell Size  | 24  |
| Contact Arrangement                                 | 24-10   |
| Number of contacts                                  | 7 contacts size 8   |
| Contact Type  | Solder Cup  |
| Contact Plating                                     | Hard silver   |
| Contacts installed                                  | yes   |
| Contact Rating at +20 °C (68 °F)<br>(Size 60/100/8) | 74 A  |
| Contact Resistance (Size 60/100/8)                  | 1 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 60/100/8)              | 3,0 N   |
| Gauge   | For infos on Gauge please see catalog VG95234, part 1   |
| Coupling Torque                                     | Closing: 6 Nm max / Opening: 0,8 Nm min   |
| Contact Retention (Size 60/100/8)                   | 80 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 60/100/8)                      | 11,8 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> |