



# Datasheet for part number CA08COME22-2SB

|                                           |                                                                      |
|-------------------------------------------|----------------------------------------------------------------------|
| Our Catalog Part Number: CA08COM-E22-2S-B |                                                                      |
| Brand: Cannon                             | Product Category: Circular Product Line: CA Bayonet Series: CA COM-B |

| Product Datasheet                                   |                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Bayonet                                             | Connector with Bayonet Coupling                                                                                                                 |
| Shell Style                                         | Plug, 90°                                                                                                                                       |
| Endbell Style                                       | Endbell with clamp and bushing (w/o grommet and ferrule)                                                                                        |
| Gender                                              | Socket                                                                                                                                          |
| Shell Size                                          | 22                                                                                                                                              |
| Contact Arrangement                                 | 22-2                                                                                                                                            |
| Number of contacts                                  | 3 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                                        | 2500 Vrms                                                                                                                                       |
| Air and Creepage Paths (Min)                        | 2,8 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 60/100/8)              | 3,0 N                                                                                                                                           |
| Gage                                                | For infos on Gage please see catalog VG95234, part 1                                                                                            |
| Coupling Torque                                     | Closing: 5 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> |