# Datasheet for part number MS3108R16-12S

| Our Catalog Part Number: MS3108R16-12S |
|---|
| Our Global Manufacturing Part Number: 038421-0018 |
| Brand: Cannon Product Category: Circular Product Line: MIL-DTL 5015 Series I Series: MIL-C-5015 |

| Product Datasheet | |
|---|---|
| Thread | Connector with threaded coupling |
| Shell Style | Plug, 90° |
| Endbell Style | Shortened light-weight endbell without cable clamp |
| Gender | Socket |
| Shell Size | 16 |
| Contact Arrangement | 16-12 |
| Number of contacts | 1 contacts size 4 |
| Contact Type | Solder Cup |
| Contact Plating | Hard silver |
| Contacts installed | yes |
| Shielding | no |
| Contact Rating at +20 °C (68 °F) (Size 160/4) | 135 A |
| Contact Resistance (Size 160/4) | 0,5 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 | Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 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 | IP65 acc. to DIN 40 050 |
| Salt Spray Resistance | 500 hours salt spray resistant |
| Mating Cycles | 500 min |
| Sep. Force per Contact (Size 160/4) | 4,0 N |
| Gage | For infos on Gage please see catalog VG95234, part 1 |
| Coupling Torque | Closing: 5,5 Nm max / Opening: 0,46 Nm min |
| Contact Retention (Size 160/4) | 90 N |
| Shell Material | Aluminium alloy |
| Shell Plating | Olive drab chromate coating over cadmium plating |
| Insulator and Gromet Material | Neoprene |
| Contact Material | Copper alloy |
| Harnessing Info: Contact Cross-Section | See assembly instruction |
| Harnessing Info: Insulator Diameter | See assembly instruction |
| Wire Stripping (Size 160/4) | 11,8 mm |
| General Info | *All tests in accordance with VG95319 and/or if applicable with VG95210* |
| SC_P_Code | CA |

Specifications and dimensions subject to change.