



## Datasheet for part number MS3108R14S-9S

|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| Our Catalog Part Number: MS3108R14S9S |                                                                                   |
| 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                                               | 14S                                                                                                                   |
| Contact Arrangement                                      | 14S-9                                                                                                                 |
| Number of contacts                                       | 2 contacts size 16S                                                                                                   |
| Contact Type                                             | Solder Cup                                                                                                            |
| Contact Plating                                          | Hard silver                                                                                                           |
| Contacts installed                                       | yes                                                                                                                   |
| Shielding                                                | no                                                                                                                    |
| Contact Rating at +20 °C (68 °F)<br>(Size 15/15S/16/16S) | 22 A                                                                                                                  |
| Contact Resistance<br>(Size 15/15S/16/16S)               | 6 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                                             | 1050 Vrms                                                                                                             |
| Air and Creepage Paths (Min)                             | 0,7 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<br>(Size 15/15S/16/16S)           | 1,0 N                                                                                                                 |
| Gage                                                     | For infos on Gage please see catalog VG95234, part 1                                                                  |
| Coupling Torque                                          | Closing: 3,6 Nm max / Opening: 0,35 Nm min                                                                            |
| Contact Retention<br>(Size 15/15S/16/16S)                | 35 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                   | <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                                             | All tests in accordance with VG95319 and/or if applicable with VG95210                                                |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Circular DIN Connectors](#) category:*

*Click to view products by [ITT](#) manufacturer:*

Other Similar products are found below :

[CTV06RQF-25-8SA-LC](#) [CTV06RQF-25-8S-LC](#) [CTV06RQW-25-8SB-LC](#) [CTV06RW-25-20P](#) [CTV06RW-25-20PA](#) [CTV06RW-25-20PB](#)  
[CTV06RW-25-20PE-LC](#) [CTV06RW-25-20SB](#) [CTV06RW-25-20SE](#) [CTV07RW-17-8S\(506\)](#) [CTVP00RW-19-32S\(506\)](#) [CTVP00RW-9-35S\(506\)](#) [M83723/71R20416](#) [M83723/71R22196](#) [M83723/71W2039N](#) [M83723/71W24196](#) [M83723/71W2419N](#) [M83723/72A1404N-LC](#)  
[M83723/72R1203N](#) [M83723/72W20418](#) [M83723/72W22126](#) [M83723/72W22556](#) [M83723/72W2419N](#) [M83723/72W2461N](#)  
[M83723/73R2028N](#) [M83723/73R2039N](#) [M83723/73W1412N](#) [M83723/73W2039N](#) [M83723/74R1624N](#) [M83723/74R1808N](#)  
[M83723/74R2212N](#) [M83723/74W1203N](#) [M83723/74W1412N](#) [M83723/74W20416](#) [M83723/74W2041N](#) [M83723/75R10058](#)  
[M83723/75W2232N](#) [M83723/76R14157](#) [M83723/76R20256](#) [M83723/76W1808N](#) [M83723/76W2016N](#) [M83723/76W2461N](#)  
[M83723/77W2016N](#) [M83723/78R22327](#) [M83723/78W2212N](#) [M83723/78W22556](#) [M85049/50-5F](#) [D38999/20FF11AC](#) [D38999/20FJ20BB](#)  
[D38999/20FJ20SC](#)