



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





Datasheet for part number MS3100R24-9S

| |
|---|
| Our Catalog Part Number: MS3100R249S |
| Our Global Manufacturing Part Number: 037340-0034 |
| 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 | Wall mounting receptacle |
| Endbell Style | Shortened light-weight endbell without cable clamp |
| Gender | Socket |
| Shell Size | 24 |
| Contact Arrangement | 24-9 |
| Number of contacts | 2 contacts size 4 |
| Contact Type | Solder Cup |
| Contact Plating | Hard silver |
| 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: 14 Nm max / Opening: 0,8 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 | <i>All tests in accordance with VG95319 and/or if applicable with VG95210</i> |