



Datasheet for part number MS3100F16S-8P

| |
|---|
| Our Catalog Part Number: MS3100F16S8P |
| 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 | Endbell with clamp and bushing |
| Gender | Pin |
| Shell Size | 16S |
| Contact Arrangement | 16S-8 |
| Number of contacts | 5 contacts size 16S |
| Contact Type | Solder Cup |
| Contact Plating | Hard silver |
| Contacts installed | yes |
| Shielding | no |
| Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S) | 22 A |
| Contact Resistance (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 | 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 15/15S/16/16S) | 1,0 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 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 | See assembly instruction |
| Harnessing Info: Insulator Diameter | See assembly instruction |
| Wire Stripping (Size 15/15S/16/16S) | 6,2 mm |
| General Info | <i>All tests in accordance with VG95319 and/or if applicable with VG95210</i> |

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for ITT manufacturer:

Other Similar products are found below :

[BKAF3-68102-25](#) [CA02COME22-22SBF80](#) [BKAD2-234-30001](#) [CB0-24-10SSA232](#) [MDM-31PSF](#) [110238-0195](#) [DAMN-7H2SN-A197](#)
[MDM21SH003M7](#) [MS3100F24-11PW](#) [MS3100E2410SZ](#) [MS3100F24-10SZ](#) [MS3100F24-11P](#) [BKAC2-313-32201](#) [MS3100E2411P](#)
[MS3100E2411PW](#) [MS3100E2411PX](#) [MS3100E2411PY](#) [MS3100E2411PZ](#) [MS3100F2411PX](#) [MS3100F2411PY](#) [MS3100F2411PZ](#)
[MS3106F2422SY](#) [MS3106E24-22SY](#) [MS3100F2422PW](#) [MS3100F2422PX](#) [MS3106E24-22SX](#) [MS3106E24-10S](#) [MS3100F2422SW](#)
[MS3100F2422SY](#) [MS3100F2422SX](#) [MS3100E2422PW](#) [MS3100E2422PX](#) [MS3100E2422PY](#) [MS3100F2422PY](#) [CA3102R32-15PK10](#)
[MS3100F2428SX](#) [MS3100F2428SY](#) [MS3100F24-28SZ](#) [MS3100F24-28PW](#) [MS3106E2428PZ](#) [MS3106F24-28SZ](#) [MS3106E2428PW](#)
[MS3100F24-28SW](#) [MS3106E2428SX](#) [BKAD3-A713-30001](#) [BKAD3-626-30001](#) [BKAC3-626-30001](#) [BKAD3-A713-30017](#) [BKAD3-537-](#)
[30001](#) [MDM51PH001BA174](#)