



Datasheet for part number CA3102E18-10PF80F0

| |
|---|
| Our Catalog Part Number: CA3102E18-10P-F80-F0 |
| 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 | Box mounting receptacle |
| Gender | Pin |
| Shell Size | 18 |
| Contact Arrangement | 18-10 |
| Number of contacts | 4 contacts size 12 |
| Contact Type | AWG Crimp |
| Contact Plating | Hard silver |
| Contacts installed | no, delivery without contacts |
| Shielding | no |
| Contact Rating at +20 °C (68 °F) (Size 25/12) | 41 A |
| Contact Resistance (Size 25/12) | 3 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 25/12) | 1,5 N |
| Gage | For infos on Gage please see catalog VG95234, part 1 |
| Coupling Torque | Closing: 8 Nm max / Opening: 0,58 Nm min |
| Contact Retention (Size 25/12) | 55 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 25/12) | 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 [Circular MIL Spec Connector](#) category:

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

Other Similar products are found below :

[89075GULPR](#) [0025-262-542](#) [0025-264-3014](#) [58-570121-04S](#) [0134-213-1208](#) [0134-213-2209](#) [0025-258-000](#) [60-042022-07P](#) [60-042022-19P](#)
[60-042022-23P](#) [60-042217-10P](#) [60-042217-11P](#) [0114-201-1278](#) [012-0467-000](#) [602GB06EG24-61SN](#) [0134-201-1207](#) [0134-213-1006](#) [6104-](#)
[207-2302](#) [6104-208-1902](#) [61-168211-04P](#) [61-168617-10P](#) [6131-202-19149P](#) [6131-204-21149P](#) [6131-208-13149P](#) [6131-209-17149P](#) [6131-](#)
[210-11149P](#) [6131-211-19149P](#) [6131-216-19149P](#) [6131-259-21149P](#) [6131-259-23149P](#) [6131-265-17149P](#) [6131-265-19149P](#) [CS3100A18-1P-](#)
[472](#) [CS3100A-36-77P](#) [CS3101A-16-55P](#) [CS3102A-10SL-55P](#) [CS3102A-14S-58P](#) [CS3102A-18-1P116](#) [CS3102A-32-17P](#) [CS3102A32-25S](#)
[CS3102C18-4P-472](#) [CS3106A10SL3S004](#) [CS3106A-18-73S](#) [CS3108A-14S-52S](#) [CS3108A-28-51S](#) [6162-233-1277](#) [6162-324-1231](#)
[M243082296Z](#) [M2884010AC1S1](#) [CT0-24-10SC](#)