



Datasheet for part number CA06R12S-3SW-F80

|   |
|---|
| Our Catalog Part Number: CA06R12S-3SW-F80   |
| 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, straight  |
| Endbell Style  | Endbell with cable clamp  |
| Gender   | Socket  |
| Shell Size   | 12S   |
| Contact Arrangement                                      | 12S-3   |
| Number of contacts                                       | 2 contacts size 16S   |
| Contact Type   | AWG Crimp   |
| Contact Plating  | Hard silver   |
| Contacts installed                                       | not assembled, packed separately  |
| Shielding  | no  |
| Insulator Rotation                                       | 70°   |
| 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   | 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<br>(Size 15/15S/16/16S)           | 1,0 N   |
| Gage   | For infos on Gage please see catalog VG95234, part 1  |
| Coupling Torque  | Closing: 2,5 Nm max / Opening: 0,23 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   | <i>All tests in accordance with VG95319 and/or if applicable with VG95210</i>   |

Specifications and dimensions subject to change.

## 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](#) [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-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](#) [CT0M20-7PCAU](#) [M28840/17AC1G3](#)