Datasheet for part number CIR01-24-22SW-F80-T108

| Our Catalog Part Number: CIR01-24-22SW-F80-T108 |
|---|
| Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR |

| Product Datasheet | |
|---|---|
| SERIES | Connector with Bayonet Coupling |
| Shell Style | In-Line Receptacle - Round Flange with flats |
| Environmental Class | no endbell |
| Shell Size | 24 |
| Contact Arrangement | 24-22 |
| Total Number of contacts | 4 contacts |
| Number of Contacts Size 8 | 4 contacts size 8 |
| Insulator Rotation | 45° |
| Gender | Socket |
| Contact Type | Crimp for AWG wire (used in F80 insert) |
| Contact Plating | Gold |
| Shell Material | Aluminium alloy |
| Shell Plating | Zinc/Cobalt black trivalent passivation (conductive) |
| Wire Size Cross Section for Contacts Size 8 | 9 mm² or AWG 8 |
| Contact Rating for Contacts Size 8 | Maximum Current = 73 A<br>Rated and Test Current = 46 A<br>Potential Drop max. 65 mV |
| Shock Resistance | Waterproof to 10 meteres (33 ft)<br>12 h (14.7 PSI) |
| Coupling | 2000 couplings minimum |
| Service Rating Letter | D |
| Operating Voltage DC | 1250 V |
| Operating Voltage AC | 900 V |
| Dielectric strength -<br>Minimum Flashover AC RMS | 3600 V |
| Dielectric strength -<br>Test Voltage AC RMS (Hi Pot) | 2800 V |
| Note | Voltages in excess of 30 V ac or 42.5 V dc are potentially hazardous and care should be taken to ensure that such voltages can't be transmitted in any way to exposed metal parts of the connector body. |
| General | Veam CIR series Connectors are produced in accordance with NATO Standard VG95234, which is based on MIL-C-5015 for physical size, layout and environment requirements. |