



Datasheet for part number FRCIR08R20-27SF80T108-15

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| Our Catalog Part Number: FRCIR08R-20-27S-F80-T108-15  |
| Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR |

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| Product Datasheet  |  |
| SERIES   | Connector with Bayonet Coupling  |
| Shell Style  | 90 Degree Plug Connector   |
| Environmental Class  | Backshell includes wire sealing grommet and compression ring   |
| Shell Size   | 20   |
| Contact Arrangement  | 20-27  |
| Total Number of contacts                                   | 14 contacts  |
| Number of Contacts Size 16                                 | 14 contacts size 16  |
| 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 with Modification -15 | 1,0 mm <sup>2</sup> or AWG18   |
| Shock Resistance   | Waterproof to 10 meters (33 ft)<br>12 h (14.7 PSI)   |
| Coupling   | 2000 couplings minimum   |
| Service Rating Letter                                      | A  |
| Operating Voltage DC                                       | 700 V  |
| Operating Voltage AC                                       | 500 V  |
| Dielectric strength - Minimum Flashover AC RMS             | 2800 V   |
| Dielectric strength - Test Voltage AC RMS (Hi Pot)         | 2000 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.                                   |