



Datasheet for part number CIR06R-18-1P-F80

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| Our Catalog Part Number: CIR06R-18-1P-F80 |
| Our Global Manufacturing Part Number: 000778750 |
| Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR |

| Product Datasheet | |
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| SERIES | Connector with Bayonet Coupling |
| Shell Style | Straight Plug Connector |
| Environmental Class | Backshell includes wire sealing grommet and compression ring |
| Shell Size | 18 |
| Contact Arrangement | 18-1 |
| Total Number of contacts | 10 contacts |
| Number of Contacts Size 16 | 10 contacts size 16 |
| Gender | Pin |
| Contact Type | Crimp for AWG wire (used in F80 insert) |
| Contact Plating | Silver |
| Contact Material | Copper alloy |
| Shell Material | Aluminium alloy |
| Shell Plating | Chromate over Cadmium, olive drab, min. 500h salt spray resistance, conductive |
| Insulator Material | Chloroprene rubber |
| Wire Size Cross Section for Contacts Size 16 | 1,0-1,5 mm ² or AWG 18-16 |
| Contact Rating for Contacts Size 16 | Maximum Current = 22 A Rated and Test Current = 13 A Potential Drop max. 74 mV |
| Shock Resistance | Waterproof to 10 meteres (33 ft) 12 h (14.7 PSI) |
| Coupling | 2000 couplings minimum |
| Service Rating Letter | differs by position of contact - consult factory or refer to catalog |
| Operating Voltage DC | differs by position of contact - consult factory or refer to catalog |
| Operating Voltage AC | differs by position of contact - consult factory or refer to catalog |
| Dielectric strength - Minimum Flashover AC RMS | differs by position of contact - consult factory or refer to catalog |
| Dielectric strength - Test Voltage AC RMS (Hi Pot) | differs by position of contact - consult factory or refer to catalog |
| 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. |