



## Datasheet for part number CIR06F-32-22PW-F80-T12-15

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|-----------------------------------------------------------------------------------------------|
| Our Catalog Part Number: CIR06F-32-22PW-F80-T12-15                                            |
| Our Global Manufacturing Part Number: 000466080                                               |
| Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR |

| Product Datasheet                                          |                                                                                                                                                                                                          |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SERIES                                                     | Connector with Bayonet Coupling                                                                                                                                                                          |
| Shell Style                                                | Straight Plug Connector                                                                                                                                                                                  |
| Environmental Class                                        | Backshell with A style clamp and bushing but includes wire sealing grommet and compression ring.                                                                                                         |
| Shell Size                                                 | 32                                                                                                                                                                                                       |
| Contact Arrangement                                        | 32-22                                                                                                                                                                                                    |
| Total Number of contacts                                   | 54 contacts                                                                                                                                                                                              |
| Number of Contacts Size 16                                 | 54 contacts size 16                                                                                                                                                                                      |
| Insulator Rotation                                         | 80°                                                                                                                                                                                                      |
| Gender                                                     | Pin                                                                                                                                                                                                      |
| Contact Type                                               | Crimp for AWG wire (used in F80 insert)                                                                                                                                                                  |
| Contact Plating                                            | Gold                                                                                                                                                                                                     |
| Shell Material                                             | Aluminium alloy                                                                                                                                                                                          |
| Shell Plating                                              | Olive drab chromate over cadmium plating (conductive)                                                                                                                                                    |
| Wire Size Cross Section for Contacts with Modification -15 | 1,0 mm² or AWG18                                                                                                                                                                                         |
| Shock Resistance                                           | Waterproof to 10 meteres (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.                                   |