

## Datasheet for part number CIR06R-18-1SX

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|-----------------------------------------------------------------------------------------------|
| Our Catalog Part Number: CIR06R-18-1SX                                                        |
| Our Global Manufacturing Part Number: 000589110                                               |
| 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 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                                                                                                                                                                                      |
| Insulator Rotation                                 | 145°                                                                                                                                                                                                     |
| Gender                                             | Socket                                                                                                                                                                                                   |
| Contact Type                                       | Solder (standard class)                                                                                                                                                                                  |
| 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 mm² or AWG 18-16                                                                                                                                                                                 |
| Contact Rating for Contacts Size 16                | Maximum Current = 22 A<br>Rated and Test Current = 13 A<br>Potential Drop max. 74 mV                                                                                                                     |
| Shock Resistance                                   | Waterproof to 10 meters (33 ft)<br>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.                                   |