



**Distributor of ITT Cannon, LLC: Excellent Integrated System Limited**

Datasheet of CIR06RV-24-12S-F80 - CIR 5C 2#4 3#12 SKT PLUG

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## **Excellent Integrated System Limited**

Stocking Distributor

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[ITT Cannon, LLC](#)

[CIR06RV-24-12S-F80](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



Datasheet for part number CIR06RV-24-12S-F80

|   |
|---|
| Our Catalog Part Number: CIR06RV-24-12S-F80   |
| 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 without provision for accessories but includes wire sealing grommet and compression ring   |
| Shell Size   | 24   |
| Contact Arrangement                                | 24-12  |
| Total Number of contacts                           | 5 contacts   |
| Number of Contacts Size 4                          | 2 contacts size 4  |
| Number of Contacts Size 12                         | 3 contacts size 12   |
| Gender   | Socket   |
| Contact Type                                       | Crimp for AWG wire (used in F80 insert)  |
| Contact Plating                                    | Silver   |
| Shell Material                                     | Aluminium alloy  |
| Shell Plating                                      | Olive drab chromate over cadmium plating (conductive)  |
| Wire Size Cross Section for Contacts Size 4        | 22 mm <sup>2</sup> or AWG 4  |
| Wire Size Cross Section for Contacts Size 12       | 3 mm <sup>2</sup> or AWG 12  |
| Contact Rating for Contacts Size 4                 | Maximum Current = 135 A<br>Rated and Test Current = 80 A<br>Potential Drop max. 58 mV  |
| Contact Rating for Contacts Size 12                | Maximum Current = 41 A<br>Rated and Test Current = 23 A<br>Potential Drop max. 63 mV   |
| 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.                                   |