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ITT Cannon, LLC
CIR08F-36-54S-F80

For any questions, you can email us directly:
sales@integrated-circuit.com

Datasheet for part number CIR08F-36-54S-F80

Our Catalog Part Number: CIR08F-36-54S-F80
Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR

Product Datasheet	
SERIES	Connector with Bayonet Coupling
Shell Style	90 Degree Plug Connector
Environmental Class	Backshell with A style clamp and bushing but includes wire sealing grommet and compression ring.
Shell Size	36
Contact Arrangement	36-54
Total Number of contacts	39 contacts
Number of Contacts Size 8	8 contacts size 8
Number of Contacts Size 16	31 contacts size 16
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 8	9 mm² or AWG 8
Wire Size Cross Section for Contacts Size 16	1,0-1,5 mm² or AWG 18-16
Contact Rating for Contacts Size 8	Maximum Current = 73 A Rated and Test Current = 46 A Potential Drop max. 65 mV
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	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.