



Datasheet for part number FRCIR06R-28-6S-F80

Our Catalog Part Number: FRCIR06R-28-6S-F80
Our Global Manufacturing Part Number: Z61137
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	28
Contact Arrangement	28-6
Total Number of contacts	3 contacts
Number of Contacts Size 4	3 contacts size 4
Gender	Socket
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	Flame Retardant rubber
Wire Size Cross Section for Contacts Size 4	22 mm <sup>2</sup> or AWG 4
Contact Rating for Contacts Size 4	Maximum Current = 135 A Rated and Test Current = 80 A Potential Drop max. 58 mV
Shock Resistance	Waterproof to 10 meters (33 ft) 12 h (14.7 PSI)
Coupling	2000 couplings minimum
Service Rating Letter	D
Operating Voltage DC	1250 V
Operating Voltage AC	900 V
Dielectric strength - Minimum Flashover AC RMS	3600 V
Dielectric strength - Test Voltage AC RMS (Hi Pot)	2800 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ITT Cannon:](#)

[FRCIR06R-28-6S-F80](#)