



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Datasheet for part number FRCIR06F-28-51P-F80

Our Catalog Part Number: FRCIR06F-28-51P-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 with A style clamp and bushing but includes wire sealing grommet and compression ring.
Shell Size	28
Contact Arrangement	28-51
Total Number of contacts	12 contacts
Number of Contacts Size 12	12 contacts size 12
Gender	Pin
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 12	3 mm ² or AWG 12
Contact Rating for Contacts Size 12	Maximum Current = 41 A Rated and Test Current = 23 A Potential Drop max. 63 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.