



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 FRCIR08F-18-1SZ-F80-T108

Our Catalog Part Number: FRCIR08F-18-1SZ-F80-T108	
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	18
Contact Arrangement	18-1
Total Number of contacts	10 contacts
Number of Contacts Size 16	10 contacts size 16
Insulator Rotation	290°
Gender	Socket
Contact Type	Crimp for AWG wire (used in F80 insert)
Contact Plating	Gold
Shell Material	Aluminium alloy
Shell Plating	Zinc/Cobalt black trivalent passivation (conductive)
Wire Size Cross Section for Contacts Size 16	1,0-1,5 mm ² or AWG 18-16
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	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.