



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!



## Contact us

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## Datasheet for part number FRCIR08AGG-20-3S-F80-T108

Our Catalog Part Number: FRCIR08AGG-20-3S-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 that is suitable for heat shrink tubing but with rubber covered coupling nut
Shell Size	20
Contact Arrangement	20-3
Total Number of contacts	3 contacts
Number of Contacts Size 12	3 contacts size 12
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 12	3 mm <sup>2</sup> 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 metres (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.