



Datasheet for part number FRCIR00AL40D-4PF80T39

Our Catalog Part Number: FRCIR00AL-40-D4P-F80-T39
Brand: VEAM Product Category: Circular Product Line: Veam CIR, VBN, Other Series: CIR / FRCIR

Product Datasheet	
SERIES	Connector with Bayonet Coupling
Shell Style	Front Panel Mount Receptacle, with rear thread
Mounting	Flange with through mounting hole
Environmental Class	Long backshell, no other accessories
Shell Size	40
Contact Arrangement	40D-4
Total Number of contacts	4 contacts
Number of Contacts Size 8	4 contacts size 8
Gender	Pin
Contact Type	Crimp for AWG wire (used in F80 insert)
Contact Plating	Silver
Shell Material	Aluminium alloy
Shell Plating	black painting over untreated aluminium alloy, 500 h salt corrosion min. (Non Conductive)
Wire Size Cross Section for Contacts Size 8	9 mm ² or AWG 8
Contact Rating for Contacts Size 8	Maximum Current = 73 A Rated and Test Current = 46 A Potential Drop max. 65 mV
Shock Resistance	Waterproof to 10 meteres (33 ft) 12 h (14.7 PSI)
Coupling	2000 couplings minimum
Service Rating Letter	C
Operating Voltage DC	4200 V
Operating Voltage AC	3000 V
Dielectric strength - Minimum Flashover AC RMS	8500 V
Dielectric strength - Test Voltage AC RMS (Hi Pot)	7000 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.