Datasheet for part number CIR06R-18-1S-F80-T104

Our Catalog Part Number: CIR06R-18-1S-F80-T104
Our Global Manufacturing Part Number: Z98977
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	18
Contact Arrangement	18-1
Total Number of contacts	10 contacts
Number of Contacts Size 16	10 contacts size 16
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	Zinc/Cobalt, 200h salt spray resistance, conductive, RoHS and REACH compliant
Insulator Material	Chloroprene rubber
Wire Size Cross Section for Contacts Size 16	1,0-1,5 mm² 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
Protection degree in mated condition	IP67 (EN60529) with proper accessories
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.

Specifications and dimensions subject to change.

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