CO85MCXM



MCX Male for 0.085 in CF085-50 cable

Product Classification	
Product Type	Wireless and radiating connector
Product Series	CF085-50
General Specifications	
Body Style	Straight
Cable Family	CF085-50
Inner Contact Plating	Gold
Interface	MCX Male
Mounting Angle	Straight
Outer Contact Plating	Gold
Pressurizable	No
Dimensions	
Height	5.08 mm 0.2 in
Width	5.08 mm 0.2 in
Length	12.7 mm 0.5 in

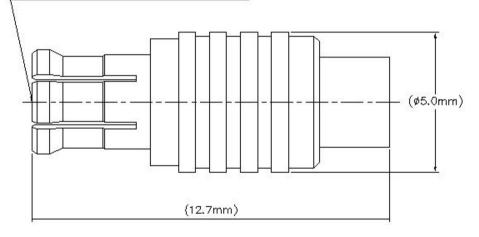
Outline Drawing

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MATES TO MCX FEMALE, OR EQUIVALENT



Electrical Specifications

Average Power at Frequency	0.2 kW @ 900 MHz
Cable Impedance	50 ohm
Connector Impedance	50 ohm
dc Test Voltage	750 V
Inner Contact Resistance, maximum	5 mOhm
Insulation Resistance, minimum	1000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm
Peak Power, maximum	0.21 kW
Shielding Effectiveness	-100 dB

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–1000 MHz	1.222	20.01
1000-6000 MHz	1.38	16
	ations	

Mechanical Specifications

Interface Durability	500 cycles
Interface Durability Method	IEC 61169-4:17

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Mechanical Shock Test Method

IEC 60068-2-27

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature	20 °C 68 °F
Average Power, Ambient Temperature	40 °C 104 °F
Average Power, Inner Conductor Temperature	100 °C 212 °F
Corrosion Test Method	IEC 60068-2-11
Moisture Resistance Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

Packaging and Weights

Weight, net

1 g | 0.002 lb

Regulatory Compliance/Certifications

Classification

Agency

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

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