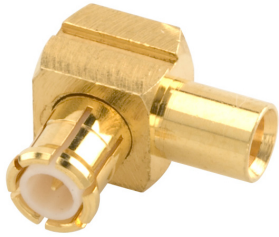


C085MCXR



MCX Male Right Angle for 0.085 in CF085-50 cable

OBSOLETE

This product was discontinued on: October 7, 2013

Product Classification

Product Type Wireless and radiating connector

General Specifications

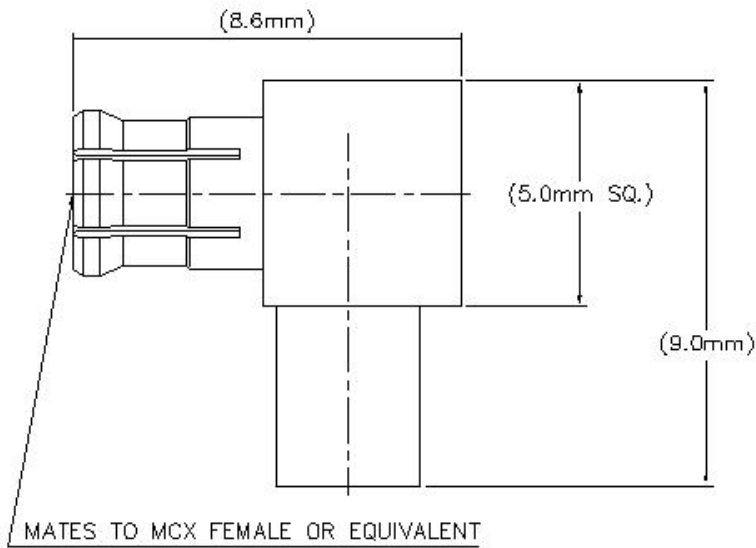
Body Style	Right angle
Cable Family	CF085-50
Inner Contact Plating	Gold
Interface	MCX Male
Mounting Angle	Right angle
Outer Contact Plating	Gold
Pressurizable	No

Dimensions

Height	9.14 mm 0.36 in
Width	5.08 mm 0.2 in
Length	8.38 mm 0.33 in

Outline Drawing

C085MCXR



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)
0–2700 MHz	1.08	28.3
3000–6000 MHz	1.09	27.32

Mechanical Specifications

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

C085MCXR

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

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

