

# MCX Connector

## PDF-S03-000

www.gigalane.com



GigaLane MCX Connectors are intended for use with microwave application requiring excellent performance up to 6G Hz in 50 Ohm impedance. MCX connectors are similar in design to SMB connectors but smaller than SMB connectors. Typical applications for MCX connectors include GPS, wireless communication and automobiles.

### ► Specification

#### Electrical

Frequency	DC ~ 6 GHz
Impedance	50 Ω
VSWR	1.2 : 1 to 6 GHz
Insulation Resistance	5000 MΩ
Dielectric Withstand Voltage	750 Vrms Max
Contact Resistance	
- Outer Conductor	2mm Ω max
- Inner Conductor	6mm Ω max
RF Leakage	> 60 dB
Power Handling	50W (@2 GHz)

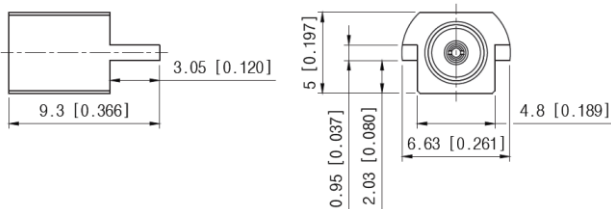
#### Environmental

Temperature	- 40℃ to + 125℃
Thermal Shock	CECC22220 4.6.7
Corrosion (salt Spray)	CECC22220 4.6.10
Vibration	CECC22220 4.6.3
Moisture Resistance	CECC22220 4.6.4

#### Materials

Body	Brass / Beryllium Copper (Gold Plated)
Center Contract	Brass / Beryllium Copper (Gold Plated)
Insulator	PTFE

### ► Drawing



Unit : mm [inch]

Part No.	PDF-S03-000
Type	PCB Edge Mount
Gender	Female