



## MCX Connectors

MCX connectors are micro miniature RF connectors with snap-on couplings which offer broadband performance from DC to 6 GHz. These are one of the smallest series available for RF coaxial applications. The small size allows interconnects on the most miniature of devices, devices with multiple posts where high density is required, where lighter weight end products are essential, and where it is necessary, to fit miniature, and sub miniature cables.

### MATERIALS

Connector Parts	Material
Connector Body and Parts	Brass, $\pm$
Male Contact Pin	Brass, $\pm$
Insulators,	PTFE
Plating	Gold Over Nickel
Ferrule	Annealed Copper

### ELECTRICAL

Requirement	Performance
Impedance	50 $\Omega$
Frequency Range	0-6 GHz
VSWR	1.3 Max.
Working Voltage (At Sea level)	500V Peak
Insulation Resistance	5000 Meg ohm

### MECHANICAL & ENVIRONMENTAL

Requirement	Performance
Durability	500 Matings
Engagement forces	Engagement 3.4lbs max. Dis-engagement 4.5lbsmax.
Cable Retention	40 Lbs.
Temperature Range	-40 - +65 °C. (Delrin), -65 - +165°C

All body plating is gold over nickel. However, nickel plating is available if specified. Versions in stainless steel are also available. Contact Bomar Interconnect sales support for details and availability.

**Call 973-347-4040**

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## MCX Connectors

**Crimp Type for Flexible**

Straight Cable Plug

Cable: RG174/U, 188/U, 1

Drawing

**P/N: 1210A204M**

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**Crimp Type for Flexible**

Straight Cable Jack

[Drawing](#)

Cable: RG174/U, 188/U, 1

**P/N: 1220A204M**

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**Crimp Type for Flexible**

Right Angle Cable Pl

[Drawing](#)

Cable: RG174/U, 188/U, 1

**P/N: 1213A204M**

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**Printed Circuit Board Con**

Vertical PCB Jack

[Drawing](#)**P/N: 1261A514**

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## *MCX Connectors*

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**Printed Circuit Boar**

Right Angle Ca

[Drawing](#)**P/N: 1264A**

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**Printed Circuit Board**Drawing

Vertical Surface Mount

**P/N 1261A51**

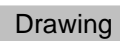
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**Printed Circuit Board**Drawing

E-Snap™ Edge Mount

**P/N 1261E**

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**Printed Circuit Board**DrawingE-Snap™ Edge Mount  
Jack**P/N: 1261E****2445**

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