

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 Ω
Frequency Range	0-6 GHz
VSWR	1.3 Max.
Working Voltage (At Sea level)	500V Peak
Insulation Resistance	5000 Meg ohm Min.

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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Crimp Type for Flexible Cable

Straight Cable Plug

[Drawing](#)

Cable: RG174/U, 188/U, 316/U

P/N: 1210A204M

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Crimp Type for Flexible Cable

Straight Cable Jack

[Drawing](#)

Cable: RG174/U, 188/U, 316/U

P/N: 1220A204M

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Crimp Type for Flexible Cable

Right Angle Cable Plug

[Drawing](#)

Cable: RG174/U, 188/U, 316/U

P/N: 1213A204M

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Printed Circuit Board Connectors

Vertical PCB Jack

[Drawing](#)

P/N: 1261A514

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Printed Circuit Board Connectors

Right Angle Cable Plug

[Drawing](#)

P/N: 1264A514

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Printed Circuit Board Connectors

Vertical Surface Mount Jack

[Drawing](#)

P/N 1261A514SM

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Printed Circuit Board Connectors



[Drawing](#)

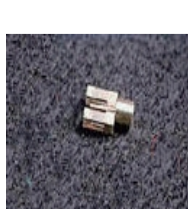
E-Snap™ Edge Mount Jack

P/N 1261E504

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Printed Circuit Board Connectors



[Drawing](#)

E-Snap™ Edge Mount Lo-Profile Jack

P/N: 1261E504L

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