



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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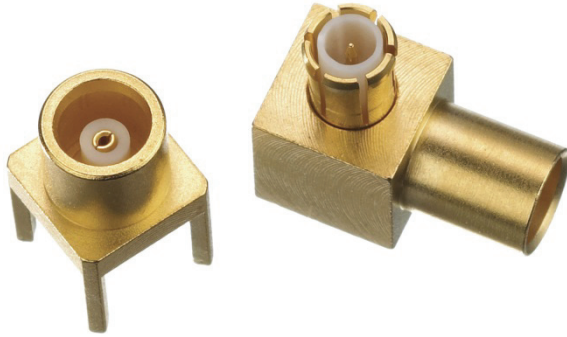
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1200 Series MCX

50 Ohm Cable and PCB Connectors



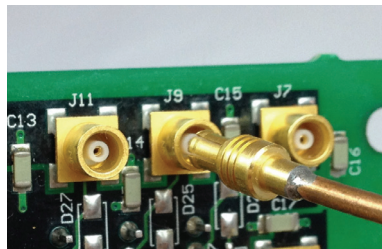
Product Description

Winchester's Bomar brand 1200 Series 50 Ohm MCX Connectors can be used in a wide range of applications including Test and Measurement, Mil-Aero, Satellite Communication, Wireless Communication, and Medical Equipment.

Our 1200 Series 50 Ohm MCX Connectors are designed in accordance with European Specification CECC 22220 and feature a "Snap-On" interface designed for a frequency range of DC to 6 GHz.

Male cable plug connectors are available in straight and right-angle designs for popular flexible and semi-rigid cables.

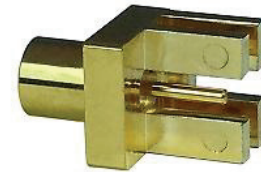
Printed circuit board (PCB) connectors are available in straight and right-angle through-hole solder, and also in our unique E-Snap® Edge-Mount design.



- Quick connect/disconnect snap-on mating reduces installation time.



- Miniature design MCX Connectors offer 30% reduction in size compared to SMB connectors.



- E-Snap® Edge-Mount connectors provide superior RF performance versus traditional right-angle connects, as straight contact provides the best transmission path.

Specifications

Electrical

Impedance:	50 Ohms
Frequency (GHz):	DC to 6 GHz
RF-Leakage:	60 dB Min at 1 GHz
Dielectric	
Withstanding Voltage:	500 VRMS at Sea Level
VSWR: Straight	1.06 Max DC-2.5 GHz
Right-Angle	1.10 Max DC-2.5 GHz
Contact Resistance:	Center \leq 5 m Ω Outer \leq 2.5 m Ω
Insulation Resistance:	1000 m Ω Min.

Mechanical

Mating:	Snap-On Coupling
Contact Captivation:	2.3 lbs. (10N)
Engagement Force:	\leq 5.6 lbs. (25N)
Disengagement Force:	\geq 2.3 lbs. (10N)
Durability (Mating):	500 Cycles Min

Environmental

Temperature Range:	-55°C to +155°C
Thermal Shock:	MIL-STD-202, Method 107
Moisture Resistance:	MIL-STS-202, Method 105
Corrosion:	MIL-STD-202, Method 101
Mechanical Shock:	MIL-STD-202, Method 101
Humidity:	MIL-STD-202, Method 101

Material

Insulator Material:	PTFE
Body Material:	Brass
Body Finish:	Nickel
Contact Material:	Male Brass Female BECU
Crimp Ferrule:	Copper or Brass Nickel Plated
Contact Finish:	Gold
RoHS Compliant:	Yes

Part Numbers

Bomar Part Number	Straight and Right Angle Cable Plugs	Crimp Tool	Hex Size
1210A204M	Straight Cable Plug for RG174, RG316, LMR100	BDHD200	Solder / .128
1210A204MS	Straight Cable Plug for RD316	BDHD200	Solder / .151
1213A204M	Right-Angle Cable Plug for RG174, RG316, LMR100	BDHD200	Solder / .129
1213A204MS	Right-Angle Cable Plug for RD316	BDHD200	Solder / .151
1213A204-402	Right-Angle Cable Plug for RG402 Semi-Rigid	Solder	Solder
1213A204-405	Right-Angle Cable Plug for RG405 Semi-Rigid	Solder	Solder

Bomar Part Number	Straight Bulkhead Cable Jack	Crimp Tool	Hex Size
1220A204M	Straight Bulkhead Cable Jack for RG174, RG316, LMR100	BDHD200	Solder / .128

Bomar Part Number	Printed Circuit Board Connectors	PCB Thickness	Packaging
1261A514	Vertical, MCX Jack, 0.155" Solder Tail	0.062"	Single
1264A514RT	Right-Angle, MCX, Jack, 0.155" Solder Tail	0.062"	Single
1261A514SM	Vertical, MCX, Jack, Surface Mount	0.062"	Single
1261E504	E-Snap® Edge-Mount, MCX, Jack	0.062"	Single
1261E504L	E-Snap® Edge-Mount, MCX, Jack, Low-Profile	0.062"	Single



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