

## MCX Plug Connector Crimp/Solder Attachment for RG178

# LCCN3033

#### Configuration

- MCX Plug Connector
- 50 Ohms
- Straight Body Geometry

#### Features

- Designed to industry standard interface dimensions
- Quality body materials and plating

### Applications

- · RF Boxes and components
- RF Test Systems
- Description

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Crimp/Solder Attachment

RG178 Interface Type

- Crimp/solder attachment
- · Operates to 6 Ghz
- General Purpose RF Interconnect
- Laboratory applications

L-com's MCX plug connector for RG178 coax uses a crimp/solder attachment method. This MCX connector is one of the many RF coaxial connectors in L-com's product line up and like all our products, they will ship the same day. Our MCX plug connector operates up to a maximum frequency of 6 GHz. &&The specifications and a basic dimensional drawing for LCCN3033 plug MCX connector can be found in this datasheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, test equipment connectivity or as part of a system installation. In addition to an offering of RF connectors and coaxial cable, L-com offers both standard and custom cable assemblies to fit a customer's specific needs.

#### **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Insertion Loss			0.4	dB
Operating Voltage (AC)			335 \	
Dielectric Withstanding Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			5	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	1,000			MOhms
RF Leakage	60			dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MCX Plug Connector Crimp/Solder Attachment for RG178 LCCN3033





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### Performance by Frequency

F1	F2	F3	F4	F5	Units
DC to 2	2 to 6				GHz
1.22:1	1.35:1				
	DC to 2	DC to 2 2 to 6			

### **Mechanical Specifications**

#### Size

Length Width/Dia.	0.619 in [15.72 mm] 0.195 in [4.95 mm]
Weight	0.005 lbs [2.27 g]
Mating Cycles	500 Cycles

#### **Material Specifications**

Description	Material	Plating	
Contact	Brass	Gold 30 µin minimum	
Insulation	PTFE		
Body	Brass	Nickel 2.5 µin minimum	
Crimp Sleeve	Brass	Gold ASTM-B488	
Washer	Passivated Stainless Steel		
O-Ring	Silicone Rubber		

### **Environmental Specifications**

Temperature		
Operating Range		
Vibration		
Temperature Cycle		
Salt Spray		

-65 to +165 °C MIL-STD-202, Method 204, Condition B MIL-STD-202, Method 101, Condition B MIL-STD-202, Method 107, Condition B

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#### **Plotted and Other Data**

Notes:

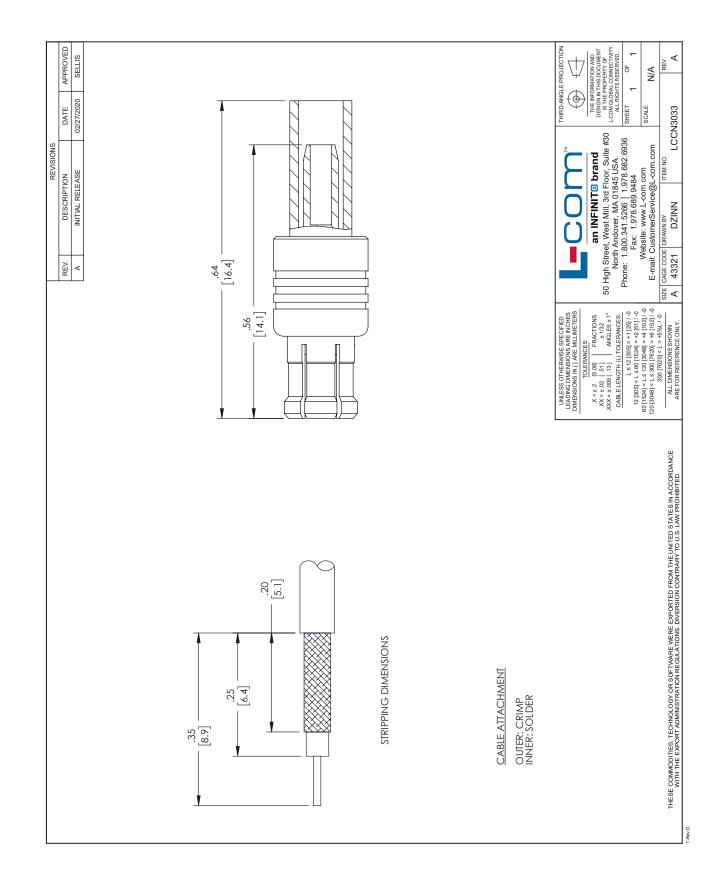
MCX Plug Connector Crimp/Solder Attachment for RG178 from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MCX Plug Connector Crimp/Solder Attachment for RG178 LCCN3033

URL: https://www.l-com.com/mcx-plug-standard-rg178-connector-lccn3033-p.aspx

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# L-com CAD Drawing



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