

MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, .177 inch D Hole



LCCN3038

Configuration

- MCX Jack Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG178 Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/solder attachment
- Operates to 6 Ghz

Applications

- RF Boxes and components
- RF Test Systems
- General Purpose RF Interconnect
- Laboratory applications

Description

L-com's MCX jack bulkhead 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 jack bulkhead connector operates up to a maximum frequency of 6 GHz. The specifications and a basic dimensional drawing for LCCN3038 jack bulkhead 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			1.41:1	
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
High Potential Voltage at 4 and 7 MHz			500	Vrms
Corona Discharge at 70,000 feet			190	Vrms
Insulation Resistance	10,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, .177 inch D Hole LCCN3038](#)

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Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1					GHz
Insertion Loss, Max	0.1					dB

Electrical Specification Notes:
RF leakage: 55 dB at 2.5 GHz.

Mechanical Specifications

Size

Length	0.655 in [16.64 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.004 lbs [1.81 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 °C
Humidity	MIL-STD-202, Method 106
Shock	MIL-STD-202, Method 213, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Thermal Shock	MIL-STD-202, Method 107, Condition F
Salt Spray	MIL-STD-202, Method 101, Condition B

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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

MCX Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, .177 inch D Hole 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 Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG178, .177 inch D Hole LCCN3038

URL: <https://www.l-com.com/mcx-jack-standard-rg178-connector-lccn3038-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document. The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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L-com CAD Drawing

