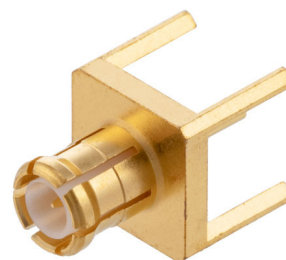


## MCX Straight Plug Receptacle for PCB Non-Magnetic Solder Legs

### LCCN45871



#### Configuration

- MCX Plug Connector
- 50 Ohms
- Straight Body Geometry
- PCB Interface Type
- Solder Attachment
- PCB
- Non-Magnetic Design

#### Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.08:1
- Gold over Copper Plated Bronze Contact
- Magnetic Susceptibility  $10^{-5}$

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- Medical
- Military and Aerospace
- Quantum Computing

#### Description

MCX Straight Plug Receptacle for PCB Non Magnetic Solder Legs type Connector LCCN45871 from L-Com is in stock at our warehouse and ready to ship on the same-day of your order. The LCCN45871 is a MCX straight plug receptacle for PCB non-magnetic solder legs type. These Non-Magnetic Connector frequency ranges from 0-6 GHz with 50 Ohms impedance.

Our RF coaxial connector specialists are available to answer any questions or concerns you have on the LCCN45871 MCX Straight Plug Receptacle for PCB Non Magnetic Solder Legs type Connector. Our Non-magnetic connectors have a susceptibility of around  $10^{-5}$ , as opposed to  $10^{-2}$  for standard connectors made of brass/nickel materials. As a result, our non-magnetic connectors are transparent to the magnetic field, which means no field distortion and a higher Signal-to-Noise Ratio (SNR).

Contact L-Com's expert technical support for assistance with the MCX Straight plug receptacle for PCB non-magnetic solder legs type Connector or any RF coaxial cable connectors or cable assemblies. Download our LCCN45871 datasheet with specifications and CAD drawing with dimensions for details. Our knowledgeable sales team simplifies the purchasing process and ensures that your MCX Non-magnetic RF coaxial connector will be exact to your specifications. The target audience for the straight coaxial plug is for quantum computing, the military and aerospace industries as well as the medical industry including MRI and patient monitoring devices.

The LCCN45871 connector from L-Com uses a dedicated manufacturing process and raw material selection to guarantee the low magnetic susceptibility level of the connectors. The MCX straight Plug RF coax connector is available now from L-Com. We have no MOQ (minimum order quantity) and the connector ships the very same day from our warehouse.

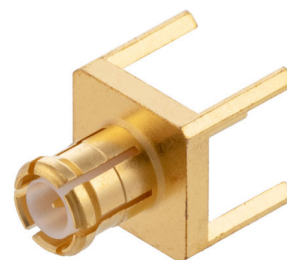
#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.08:1	
Insertion Loss			0.05	dB
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	1,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[MCX Straight Plug Receptacle for PCB Non-Magnetic Solder Legs LCCN45871](#)

## MCX Straight Plug Receptacle for PCB Non-Magnetic Solder Legs

**LCCN45871**



### Mechanical Specifications

<b>Size</b>	
Length	12.55 in [318.77 mm]
Width	9.65 in [245.11 mm]
Height	9.65 in [245.11 mm]
Weight	0.01 lbs [2.79 g]
Mating Cycles	500 Cycles

### Material Specifications

Description	Material	Plating
Contact	Bronze	Gold over Copper
Body	Beryllium Copper	Gold over Copper

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-55deg C to +125deg C

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

### Plotted and Other Data

MCX Straight Plug Receptacle for PCB Non-Magnetic Solder Legs 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 Straight Plug Receptacle for PCB Non-Magnetic Solder Legs LCCN45871

URL: <https://www.l-com.com/mcx-male-connector-solder-attachment-pcb-mount-lccn45871-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.

MCX Straight Plug Receptacle for PCB Non-Magnetic Solder Legs

L-com CAD Drawing

