

BNC Jack Bulkhead Mount Non-Magnetic Connector
Crimp/Solder Attachment for 0.141 Cable

LCCN45880



Configuration

- BNC Jack Connector
- 50 Ohms
- Straight Body Geometry
- 0.141 Cable Interface Type
- Crimp/Solder Attachment
- Bulkhead
- Non-Magnetic Design

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1
- Gold over Copper Plated Beryllium Copper Contact
- Magnetic Susceptibility 10^{-5}

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- Medical
- Military and Aerospace
- Quantum Computing

Description

BNC Non-Magnetic Straight Bulkhead Jack Seal Solder type Connector LCCN45880 from L-Com is in stock at our warehouse and ready to ship on the same-day of your order. The LCCN45880 is a BNC Non-magnetic straight bulkhead jack seal solder type Connector compatible with 0.141 cable. These Non-Magnetic Connector frequency ranges from 0-4 GHz with 50 Ohms impedance.

Our RF coaxial connector specialists are available to answer any questions or concerns you have on the LCCN45880 BNC Jack Bulkhead Mount Non-Magnetic 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 BNC Non-Magnetic straight bulkhead jack receptacle for PCB seal solder type Connector or any RF coaxial cable connectors or cable assemblies. Download our LCCN45880 datasheet with specifications and CAD drawing with dimensions for details. Our knowledgeable sales team simplifies the purchasing process and ensures that your BNC Non-magnetic RF coaxial connector will be exact to your specifications. The target audience for the straight coaxial jack is for quantum computing, the military and aerospace industries as well as the medical industry including MRI and patient monitoring devices.

The LCCN45880 connector from L-Com uses a dedicated manufacturing process, specific gold/copper non-magnetic plating, and raw material selection to guarantee the low magnetic susceptibility level of the connectors. The BNC straight 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		4	GHz
VSWR			1.3:1	
Insertion Loss			0.2	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[BNC Jack Bulkhead Mount Non-Magnetic Connector Crimp/Solder Attachment for 0.141 Cable LCCN45880](#)

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RF Leakage	55	dB
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Mechanical Specifications

Size

Length	0.87 in [22.20 mm]
Width	1.00 in [25.40 mm]
Height	1.00 in [25.40 mm]
Weight	0.06 lbs [28.73 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Copper
Body	BZ4	Copper-Tin-Zinc Alloy
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-65deg C to +165deg C
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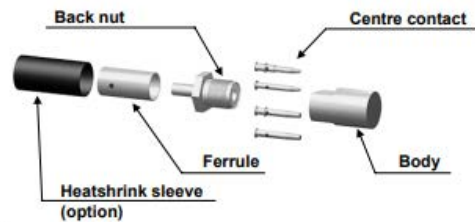
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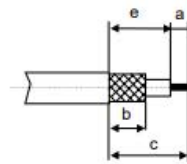
LCCN45880



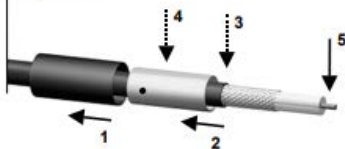
COMPONENTS



STRIPPING DIMENSIONS



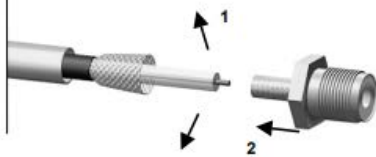
1
Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Position the ferrule's hole at the front if soldering.
Position the ferrule's hole at the back if crimping.
Strip the cable.



4
Slide the centre contact on until it bottoms against the insulator back nut.
Solder or crimp the contact (see connector TDS).



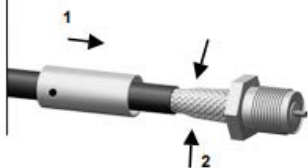
2
Fan the braid.
Slide the cable into the back nut.



5
Screw the back nut into the connector body with the adapted wrench.
Recommended coupling torque (see connector TDS).



3
Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).



6
Slide the sleeve over the ferrule and heatshrink it in place (Option).



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L-com CAD Drawing

