

SSMC Jack Bulkhead Mount Connector Clamp/
Solder Attachment for RG405, Semi-rigid/
Formable 086 Semi-rigid Coax Cable



LCCN45370

Configuration

- SSMC Jack Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG405
- Bulkhead

Features

- Max. Operating Frequency 12.4 GHz
- Good VSWR of 1.38:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Reliable threaded coupling
- Small SSMC connector form factor (50% smaller than SMA, radially)
- IEC 60169-20 SSMC connector interface
- In stock and ready to ship

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- Avionics
- A/D Modules
- Data Acquisition
- Software defined radio (SDR)
- RADAR/SONAR
- Ultra Wideband Digital Receivers
- Medical equipmen

Description

L-com's LCCN45370 SSMC jack bulkhead connector with clamp/solder attachment for RG405 is part of our full line of RF components available for same-day shipping. Our SSMC jack connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.38:1. This SSMC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SSMC jack bulkhead connector LCCN45370 datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, L-com has the right connector for the job. L-com can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.38:1	
Insertion Loss			0.3	dB
Operating Voltage (AC)			250	Vrms
High Potential Voltage 5 MHz			400	Vrms
Inner Conductor DC Resistance			4	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	1,000			MOhms
RF Leakage	-50			
Impedance		50		Ohms

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Mechanical Specifications

Size

Length	0.55 in [13.97 mm]
Width	0.156 in [3.96 mm]
Weight	0.007 lbs [3.18 g]
Mating Cycles	500 Cycles
Mating Torque	1.75 to 2 in-lbs [0.20 to 0.23 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	Teflon	
Outer Conductor	Beryllium Copper	Gold MIL-G-45204
Body	Beryllium Copper	Gold MIL-G-45204
Washer	Phosphor Bronze	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Shock	Method 213, Condition B, 75G @6ms @1/2 sine
Vibration	Method 204, Condition D (20G)
Salt Spray	Method 101, Condition B, 5% salt solution

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

Plotted and Other Data

Notes:

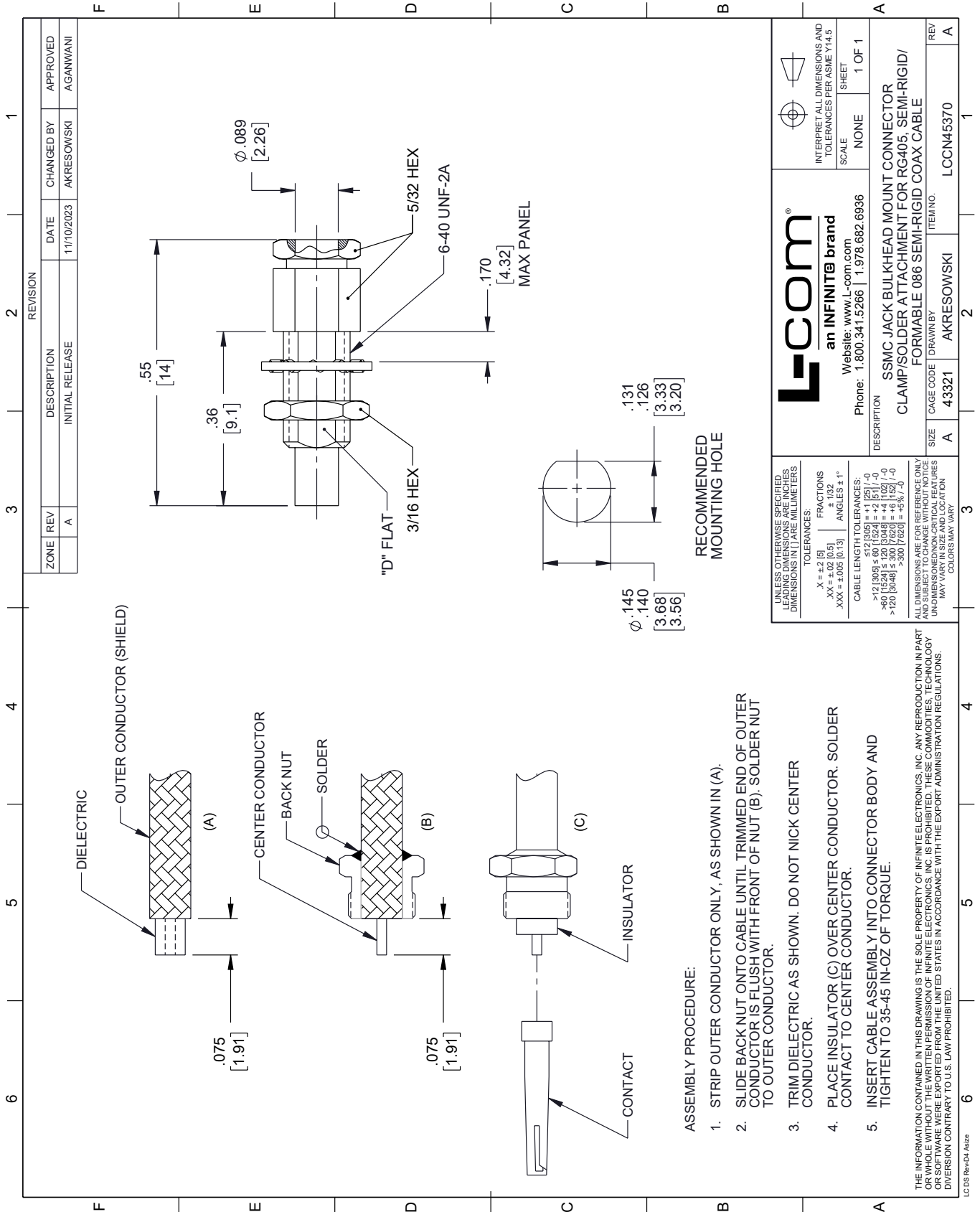
SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG405, Semi-rigid/ Formable 086 Semi-rigid Coax Cable from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/ssmc-jack-lccn-sr405al-lccn-sr405fl-lccn-sr405tn-rg405-connector-lccn45370-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.

LCCN45370 CAD Drawing

SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG405, Semi-rigid/ Formable 086 Semi-rigid Coax Cable



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/10/2023	AKRESOWSKI	AGANWANI

<p>L-com an INFINITE brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936</p>	<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>DESCRIPTION: SSMC JACK BULKHEAD MOUNT CONNECTOR CLAMP/SOLDER ATTACHMENT FOR RG405, SEMI-RIGID/FORMABLE 086 SEMI-RIGID COAX CABLE</p>	<p>REV: A</p>
<p>SIZE: A</p>	<p>ITEM NO.: LCCN45370</p>
<p>CAGE CODE: 43321</p>	<p>DRAWN BY: AKRESOWSKI</p>