

## SSMC Plug Right Angle Connector Solder Attachment for Semi-rigid/ 047 Semi-rigid/ Formable 047 Semi-rigid Coax Cable



### LCCN45385

#### Configuration

- SSMC Plug Connector
- 50 Ohms
- Right Angle Body Geometry

#### Features

- Max. Operating Frequency 12.4 GHz
- 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
- Custom Cable Assemblies
- Avionics
- A/D Modules
- Data Acquisition
- Software defined radio (SDR)
- RADAR/SONAR
- Ultra Wideband Digital Receivers
- Medical equipment

#### Description

L-com's LCCN45385 SSMC plug right angle connector with solder/solder attachment for Semirigid Coax Cable, 047 Semi-rigid Coax Cable, Formable 047 Semi-rigid Coax Cable is part of our full line of RF components available for same-day shipping. Our SSMC plug connector operates up to a maximum frequency of 12.4 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SSMC plug right angle connector LCCN45385 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
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

#### Mechanical Specifications

##### Size

Length	0.421 in [10.69 mm]
Width	0.156 in [3.96 mm]

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Height	0.322 in [8.18 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	
Body	Brass	Gold MIL-G-45204
Coupling Nut	Beryllium Copper	Gold MIL-G-45204

**Environmental Specifications**

<b>Temperature</b>	
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 Plug Right Angle Connector Solder Attachment for Semi-rigid/ 047 Semi-rigid/ Formable 047 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-plug-lccn-047sr-lccn-sr047al-lccn-sr047fl-connector-lccn45385-p.aspx>

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# LCCN45385 CAD Drawing

SSMC Plug Right Angle Connector Solder Attachment for Semi-rigid/  
047 Semi-rigid/ Formable 047 Semi-rigid Coax Cable

