

SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS



LCCN45954

Configuration

- SMB Jack Connector
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 4 GHz
- Gold Plated Brass Contact
- 30 μ in. Minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

L-com’s LCCN45954 , SMB, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMB jack connector operates up to a maximum frequency of 4 GHz. Our SMB jack connector LCCN45954 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		4	GHz
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

- Length 0.97 in [24.64 mm]
- Width 0.25 in [6.35 mm]
- Weight 0.01 lbs [2.72 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in. Minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in. Minimum

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
[SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS LCCN45954](#)

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Environmental Specifications

Temperature

Operating Range

-65deg C to +165deg C

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

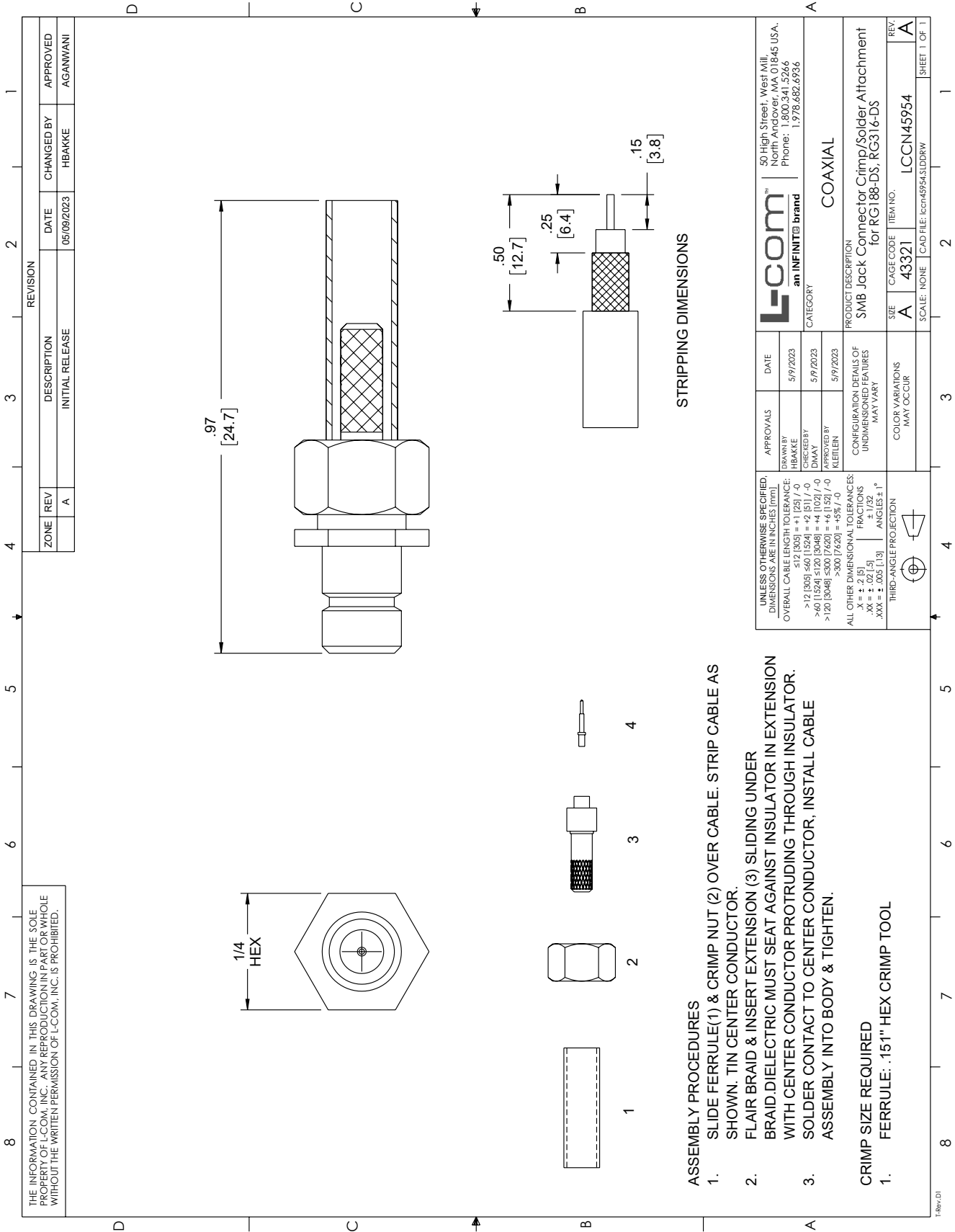
Plotted and Other Data

SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS 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: SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS LCCN45954

URL: <https://www.l-com.com/smb-jack-connector-crimp-solder-attachment-rg188-ds-rg316-ds-lccn45954-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 impliment 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.ontained 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 impliment 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.

L-com CAD Drawing



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- ASSEMBLY PROCEDURES**
1. SLIDE FERRULE(1) & CRIMP NUT (2) OVER CABLE. STRIP CABLE AS SHOWN. TIN CENTER CONDUCTOR.
 2. FLAIR BRAID & INSERT EXTENSION (3) SLIDING UNDER BRAID. DIELECTRIC MUST SEAT AGAINST INSULATOR IN EXTENSION WITH CENTER CONDUCTOR PROTRUDING THROUGH INSULATOR.
 3. SOLDER CONTACT TO CENTER CONDUCTOR, INSTALL CABLE ASSEMBLY INTO BODY & TIGHTEN.
- CRIMP SIZE REQUIRED**
1. FERRULE: .151" HEX CRIMP TOOL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]	APPROVALS	DATE	L-com™ an INFINITE brand	50 High Street, West Mill, North Andover, MA 01845 USA, Phone: 1.800.341.5266 1.978.682.6936	
OVERALL CABLE LENGTH TOLERANCE:	DRAWN BY	5/7/2023			COAXIAL
>12 [305] ≤60 [1524] = +1 [25] / -0	HBAKKE	5/7/2023			
>60 [1524] ≤120 [3048] = +4 [102] / -0	CHECKED BY	5/7/2023			
>120 [3048] ≤300 [7620] = +6 [152] / -0	DMAY	5/7/2023	PRODUCT DESCRIPTION	SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS	
>300 [7620] = +5% / -0	KLIEBLEN	5/7/2023	SIZE	A	
ALL OTHER DIMENSIONAL TOLERANCES:	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY			CAGE CODE	43321
XX = ± .015	THIRD-ANGLE PROJECTION			ITEM NO.	LCCN45954
XXX = ± .005 [13]	COLOR VARIATIONS MAY OCCUR			SCALE	NONE
ANGLES ± 1°	REV			REV	A
	SHEET 1 OF 1				