

FAKRA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, White Color



## LCCN45921

### Configuration

- FAKRA Plug Connector
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, .100 inch, LMR-100 Interface Type
- Crimp/Solder Attachment

### Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1
- Gold Plated Phosphor Bronze Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

L-com's LCCN45921, FAKRA, Standard, Connector is part of our full line of RF components available for same-day shipping. Our FAKRA plug connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1. Our FAKRA plug connector LCCN45921 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
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			800	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms

### Mechanical Specifications

#### Size

Length	0.70 in [17.78 mm]
Width	0.37 in [9.40 mm]
Height	0.43 in [11.00 mm]
Weight	0.01 lbs [2.27 g]

### Material Specifications

Description	Material	Plating
-------------	----------	---------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[FAKRA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, White Color LCCN45921](#)

FAKRA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, White Color



## LCCN45921

Contact	Phosphor Bronze	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Plastic	

### Environmental Specifications

#### Temperature

Operating Range -40deg C to +85deg C

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

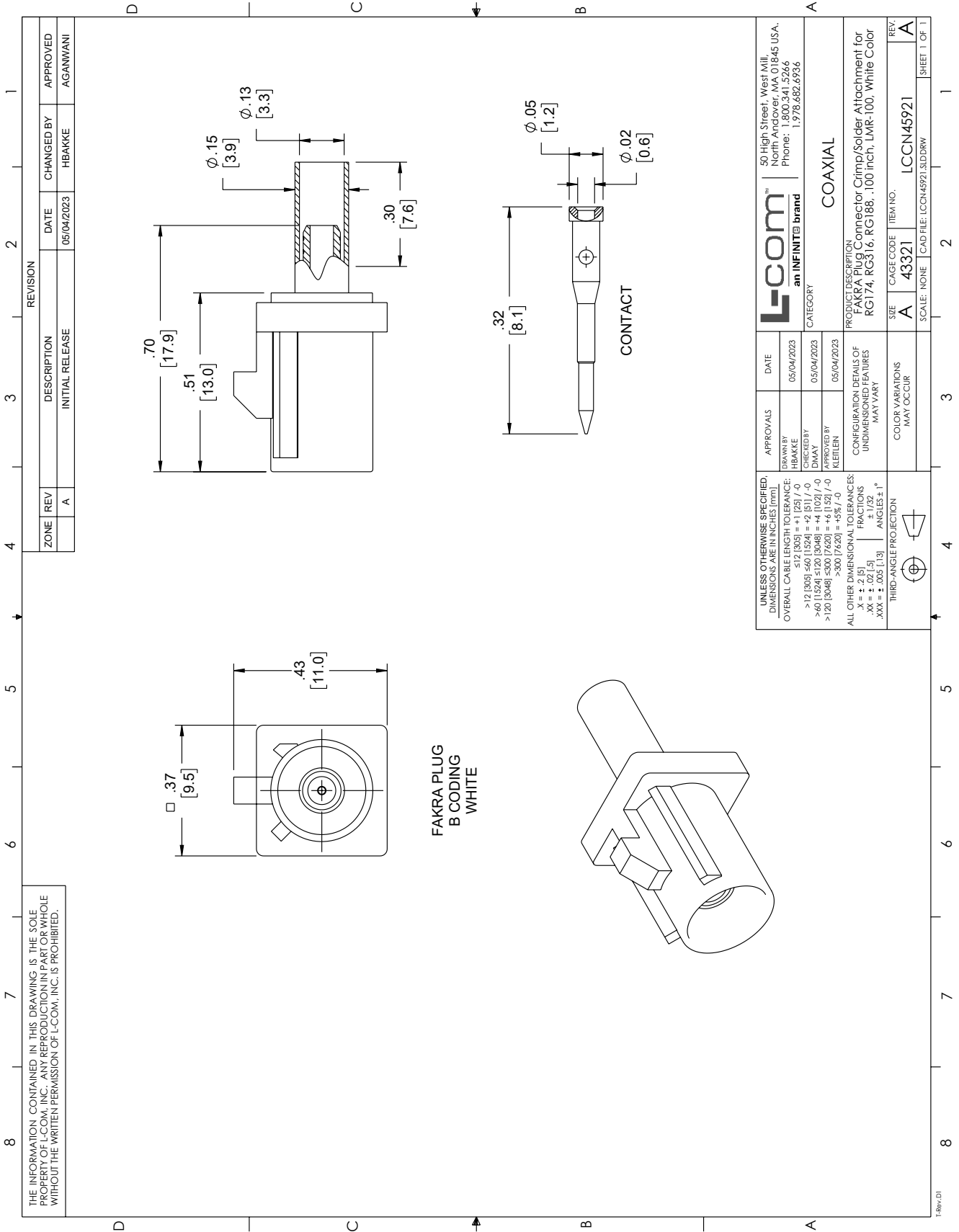
### Plotted and Other Data

FAKRA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, White Color 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: FAKRA Plug Connector Crimp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100, White Color LCCN45921

URL: <https://www.l-com.com/fakra-plug-connector-crimp-solder-attachment-rg174-rg316-rg188-.100-inch-lmr-100-white-color-lccn45921-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.

L-com CAD Drawing



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC.. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/04/2023	HBAKKE	AGANWANI

APPROVALS	DATE	DESCRIPTION
DRAWN BY HBAKKE	05/04/2023	
CHECKED BY DMAY	05/04/2023	
APPROVED BY KLEFFEN	05/04/2023	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES [mm]

OVERALL CABLE LENGTH TOLERANCE:  
 ≤12 [305] = +1 [25] / -0  
 >12 [305] ≤60 [1524] = +2 [51] / -0  
 >60 [1524] ≤120 [3048] = +4 [102] / -0  
 >120 [3048] ≤300 [7620] = +6 [152] / -0  
 >300 [7620] = +5% / -0

ALL OTHER DIMENSIONAL TOLERANCES:  
 X = ± .015 | FRACTIONS  
 XX = ± .005 | DECIMALS  
 XXX = ± .005 | ANGLES ± 1°

THIRD-ANGLE PROJECTION

ITEM NO.	REV
LCCN45921	A

CAGE CODE: 43321

SCALE: NONE

CAD FILE: LCCN45921.3DDRW

SHEET 1 OF 1

**L-com**  
an INFINITE brand

50 High Street, West Mill,  
North Andover, MA 01845 USA,  
Phone: 1.800.341.5266  
1.978.682.6936

PRODUCT DESCRIPTION:  
FAKRA Plug Connector Crimp/Solder Attachment for  
RG174, RG316, RG188, .100 inch, LMR-100, White Color

COAXIAL