FAKRA Jack Connector Crimp/Solder Attachment for RG316-DS, RG188-DS, Water Blue Color

LCCN45916

Configuration

- FAKRA Jack Connector
- 50 Ohms
- Straight Body Geometry
- RG316-DS, RG188-DS 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 LCCN45916 , FAKRA, Standard, Connector is part of our full line of RF components available for same-day shipping. Our FAKRA jack connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1. Our FAKRA jack connector LCCN45916 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	
Dielectric Withstanding Voltage (AC)			800	Vrms

Mechanical Specifications

Size

Length	0.80 in [20.32 mm]
Width	0.37 in [9.40 mm]
Height	0.54 in [13.72 mm]
Weight	0.01 lbs [3.63 g]

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Insulation	Teflon	
Outer Conductor	Brass	Nickel
Body	Plastic	Paint

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
FAKRA Jack Connector Crimp/Solder Attachment for RG316-DS, RG188-DS, Water Blue Color LCCN45916

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Environmental Specifications
Temperature
Operating Range   -40deg C to +85deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

FAKRA Jack Connector Crimp/Solder Attachment for RG316-DS, RG188-DS, Water Blue 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 Jack Connector Crimp/Solder Attachment for RG316-DS, RG188-DS, Water Blue Color LCCN45916

URL: https://www.l-com.com/fakra-jack-connector-crimp-solder-attachment-rg316-ds-rg188-ds-water-blue-color-lccn45916-p.aspx

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L-com CAD Drawing

Ø.11 [2.7]

Ø.07 [1.7]

.80 [20.2]

.60 [15.3]

Ø.18 [4.6]

Ø.14 [3.6]

.50 [12.7]

FERRULE

Ø.02 [0.6]

Ø.05 [1.2]

.34 [8.8]

CONTACT

.37 [9.4]

.18 [4.7]

.54 [13.6]

FAKRA JACK
Z CODING
WATER BLUE

.33 [8.4]

.15 [3.9]

.06 [1.5]

STRIPPING DIMENSIONS

NOTES:
1. CABLE ATTACHMENT:
   - OUTER: CRIMP.
   - INNER: SOLDER.
2. CRIMP SIZE REQUIRED:
   - FERRULE: .151 [3.84] HEX. CRIMP TOOL
   - CONTACT: SOLDER.

Revision

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/23/2023	HBAKKE	AGANWANI

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 = ± .2 [5]
.XX = ± .02 [.5]   FRACTIONS ± 1/32
.XXX = ± .005 [.13]   ANGLES ± 1°

THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY HBAKKE	5/8/2023
CHECKED BY DMAY	05/23/2023
APPROVED BY KLEITLEIN	05/23/2023

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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CATEGORY: COAXIAL

PRODUCT DESCRIPTION: FAKRA Jack Connector Crimp/Solder Attachment for RG316-DS, RG188-DS, Water Blue Color

SIZE A	CAGE CODE 43321	ITEM NO. LCCN45916	REV. A

SCALE: NONE   CAD FILE: LCCN45916.SLDDRW   SHEET 1 OF 1

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