

FAKRA Plug Connector Solder Attachment Thru Hole PCB, White Color



**RFPCB-FAKRA-MS-4G-90**

**Configuration**

- FAKRA Plug Connector
- 50 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

**Features**

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

**Applications**

- General Purpose Test
- PCB Applications
- Automotive

**Description**

RFPCB-FAKRA-MS-4G-90 FAKRA Plug PCB connector available from L-com has a 50 Ohm impedance. This RF connector has a thru hole connector mount interface and is designed for a wide variety of Printed-Circuit Board (PCB) applications in RF and microwave systems. This FAKRA Plug connector uses solder as an attachment method. Our Plug FAKRA PCB connector provides a maximum frequency of 4 GHz. The FAKRA connector is available in a 0.70-inch length and 0.37-inch width.

The L-com FAKRA Plug PCB connector has a PTFE dielectric type and a VSWR of 1.3:1. This FAKRA PCB connector has a Phosphor Bronze body with gold plating. Our RFPCB-FAKRA-MS-4G-90 FAKRA connector has a brass contact with nickel plating.

This L-com FAKRA Plug connector will ship the same day as purchased. Our FAKRA Plug connector is part of over 40,000 RF, microwave, and millimeter wave components in stock for worldwide shipment. We also build FAKRA custom connector cable assemblies that will ship the same day as well.

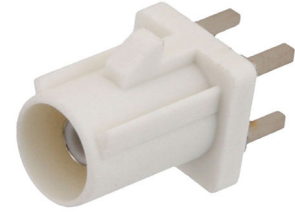
The FAKRA Plug connector with 50 Ohm impedance has a weight of 0.006 lbs. This Push-on RF connector has a high quality construction. The Plug coaxial connector is capable of operating at temperatures ranging from -40 deg C to 85 deg C. We currently have a variety of antenna, audio/video, Ethernet, fiber optic, and USB connectors in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the high-quality RF that meets your requirements.

**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)			1,000	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	1,000			MOhms

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 Solder Attachment Thru Hole PCB, White Color RFPCB-FAKRA-MS-4G-90](#)

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## RFPCB-FAKRA-MS-4G-90

### Mechanical Specifications

#### Size

Length	0.7in	[17.78mm]
Width/Dia.	0.37in	[9.40mm]
Height	0.43in	[10.92mm]
Weight	0.006lbs	[2.72g]

### Material Specifications

Description	Material	Plating
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

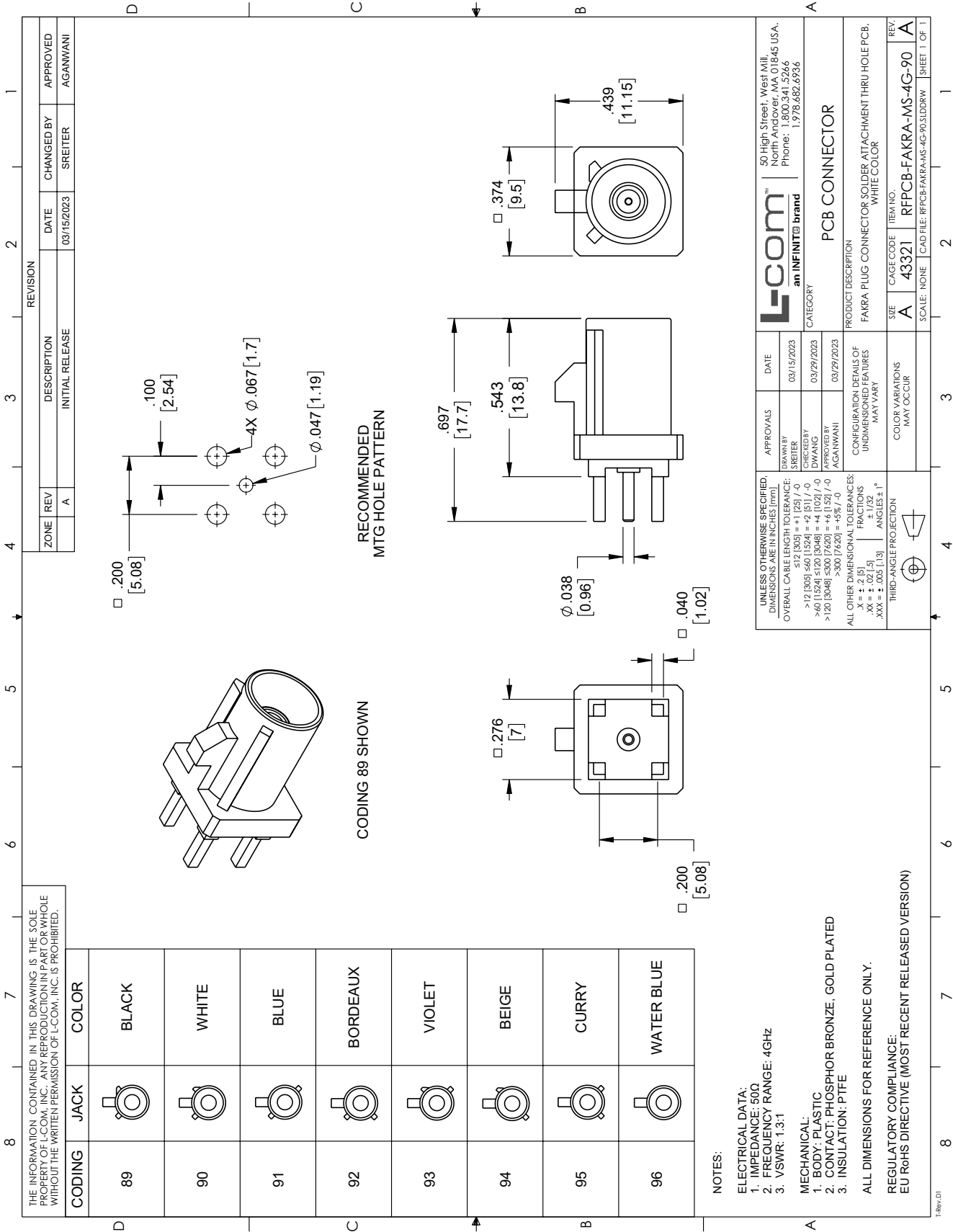
FAKRA Plug Connector Solder Attachment Thru Hole PCB, White Color from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an 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 Solder Attachment Thru Hole PCB, White Color RFPCB-FAKRA-MS-4G-90

URL: <https://www.l-com.com/fakra-plug-connector-solder-attachment-thru-hole-pcb-white-color-rfpcb-fakra-ms-4g-90-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.

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## L-com CAD Drawing



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	DATE	CHANGED BY
	A	INITIAL RELEASE	03/15/2023	SREITER
				AGANWANI

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CODING	JACK	COLOR
89		BLACK
90		WHITE
91		BLUE
92		BORDEAUX
93		VIOLET
94		BEIGE
95		CURRY
96		WATER BLUE

 an INFINITE brand		50 High Street, West Mill, North Andover, MA 01845 USA, Phone: 1.800.341.5266 1.978.682.6936	
CATEGORY		PCB CONNECTOR	
PRODUCT DESCRIPTION			
FAKRA PLUG CONNECTOR SOLDER ATTACHMENT THRU HOLE PCB, WHITE COLOR			
SIZE	CAGE CODE	ITEM NO.	REV
A	43321	RFPCB-FAKRA-MS-4G-90	A
SCALE: NONE		CAD FILE: RFPCB-FAKRA-MS-4G-90.SLDDRW	
SHEET 1 OF 1			

UNLESS OTHERWISE SPECIFIED	APPROVALS	DATE
DIMENSIONS ARE IN INCHES [mm]	DRAWN BY	03/15/2023
OVERALL CABLE LENGTH TOLERANCE:	SREITER	
\$12 [305] = +1 [25] / -0	CHECKED BY	03/29/2023
>12 [305] ≤60 [1524] = +2 [51] / -0	DWANG	
>60 [1524] ≤120 [3048] = +4 [102] / -0	AGANWANI	
>120 [3048] ≤300 [7620] = +6 [152] / -0	APPROVED BY	03/29/2023
>300 [7620] = +5% / -0		

ALL OTHER DIMENSIONAL TOLERANCES:	THIRD-ANGLE PROJECTION
XX = ±.015	
XX = ±.010	
XX = ±.005 [0.13]	
ANGLES ±1°	