

FAKRA Plug Connector Solder Attachment Thru Hole PCB, Black Color



RFPCB-FAKRA-MS-4G-89

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-89 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 0.87-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-89 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 threaded 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, Black Color RFPCB-FAKRA-MS-4G-89](#)

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Mechanical Specifications

Size

Length	0.878in	[22.3mm]
Width/Dia.	0.37in	[9.40mm]
Height	0in	[0mm]
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

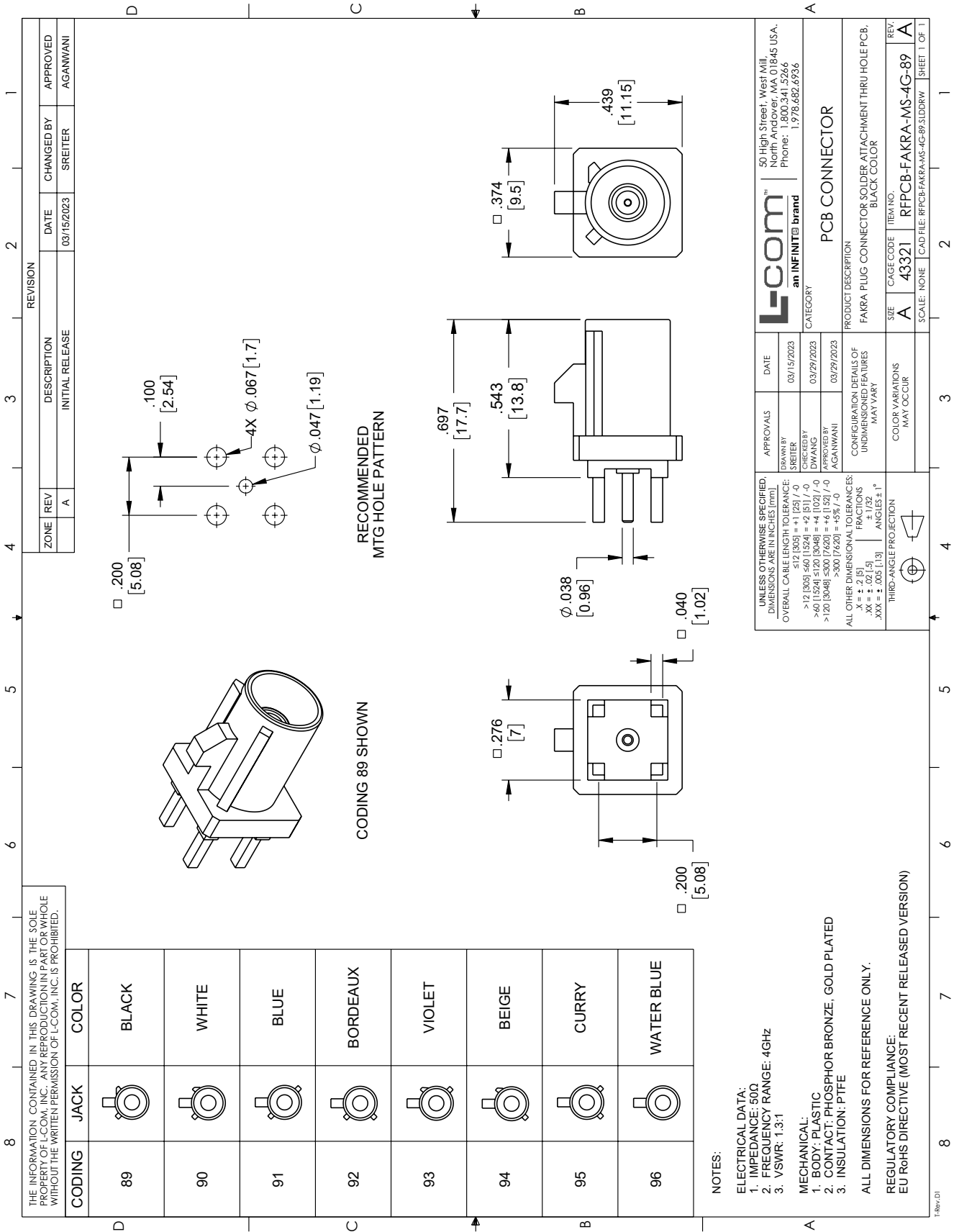
FAKRA Plug Connector Solder Attachment Thru Hole PCB, Black Color from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an 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, Black Color RFPCB-FAKRA-MS-4G-89

URL: <https://www.l-com.com/fakra-plug-connector-solder-attachment-thru-hole-pcb-black-color-rfpcb-fakra-ms-4g-89-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



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
A	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

APPROVALS	DATE
DRAWN BY: SREITER	03/15/2023
CHECKED BY: DWANG	03/29/2023
APPROVED BY: AGANWANI	03/29/2023

ITEM NO.	REV
43321	A

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PCB CONNECTOR

PRODUCT DESCRIPTION
FAKRA PLUG CONNECTOR SOLDER ATTACHMENT THRU HOLE PCB, BLACK COLOR

CAGE CODE A
SCALE NONE
CAD FILE RFPCB-FAKRA-MS-4G-89-3.DDDRW

ITEM NO. RFPCB-FAKRA-MS-4G-89
REV A

SHEET 1 OF 1