

Right Angle MMCX Plug (Male) Connector for
0.100 inch, RG316, RG174, RG188, LMR-100, LMR-100A, LMR-100A-FR Cable, Crimp/Solder



SC9535

Configuration

- MMCX Plug Connector
- BS EN 122340
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: 0.100 inch, RG316, RG174, RG188, LMR-100, LMR-100A, LMR-100A-FR

Features

- Operating Frequency of 6 GHz Max.
- Good VSWR of 1.35:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA MMCX Plug Standard Connector Crimp/Solder Attachment for 0.100 inch, RG316, RG174, RG188, LMR-100, LMR-100A and LMR-100A-FR Cable, part number SC9535, from Fairview Microwave is in-stock and ships same day. This MMCX plug connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.35:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA MMCX plug connector SC9535 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Operating Voltage (AC)			250	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.311 in [7.9 mm]
Width	0.138 in [3.51 mm]
Height	0.276 in [7.01 mm]
Weight	0.0075 lbs [3.4 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold 3 µin minimum

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Environmental Specifications

Temperature

Operating Range

-55 to +155 deg C

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

Plotted and Other Data

Notes:

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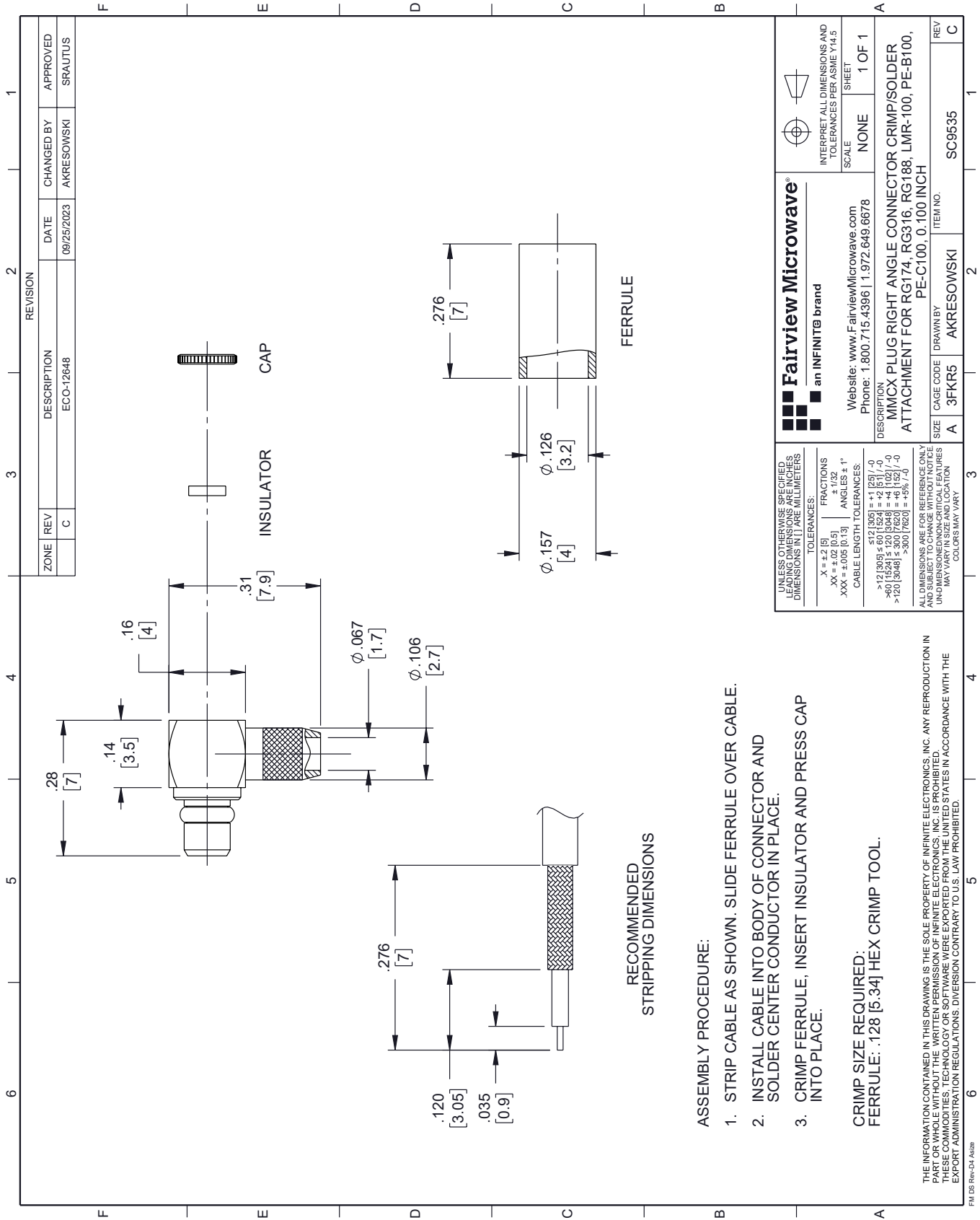
For additional information on this product, please click the following link: [Right Angle MMCX Plug \(Male\) Connector for 0.100 inch, RG316, RG174, RG188, LMR-100, LMR-100A, LMR-100A-FR Cable, Crimp/Solder SC9535](#)

URL: <https://www.fairviewmicrowave.com/mmcx-plug-standard-rg316-rg174-connector-sc9535-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume liability arising out of the use of any part or document.

SC9535 CAD Drawing

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RECOMMENDED STRIPPING DIMENSIONS

ASSEMBLY PROCEDURE:

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE, INSERT INSULATOR AND PRESS CAP INTO PLACE.

CRIMP SIZE REQUIRED:
FERRULE: .128 [5.34] HEX CRIMP TOOL.

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FM_DS Rev-D4_A4328

REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION		
	C	ECO-12648	AKRESOWSKI	SRAUTUS

 an INFINITIB® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		
DESCRIPTION: MMCX PLUG RIGHT ANGLE CONNECTOR CRIMP/SOLDER ATTACHMENT FOR RG174, RG316, RG188, LMR-100, PE-B100, PE-C100, 0.100 INCH		
SIZE	CAGE CODE	ITEM NO.
A	3FKR5	SC9535
DRAWN BY	AKRESOWSKI	REV
		C

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.	TOLERANCES: .X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13]	FRACTIONS ± 1/32 ANGLES ± 1°
ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.	CABLE LENGTH TOLERANCES: ≤ 12 [305] ± .60 [1524] > 12 [305] ± 1.20 [3048] > 300 [7620] ± .5% [7.6]	