Fairview Microwave
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M39012/01-0501 DATA SHEET

M39012/01-0501 N Male (Plug) Connector For RG214 Cable, Crimp/Solder

Type N male connector with crimp/solder attachment for RG214, part number M39012/01-0501, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 11 GHz and offers excellent VSWR of 1.25:1.

Fairview's type N male connector M39012/01-0501 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	Min	Typ	Max	Units
Frequency Range	DC		11	GHz
VSWR			1.25:1	
DWV (AC)			2,500	Vrms

Mechanical Specifications

Weight 0.07187 lbs [32.6 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Brass	Silver
Body	Brass	Silver

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Configuration:

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- RG214 Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 11 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

Applications:

- General Purpose Test
- Custom Cable Assemblies

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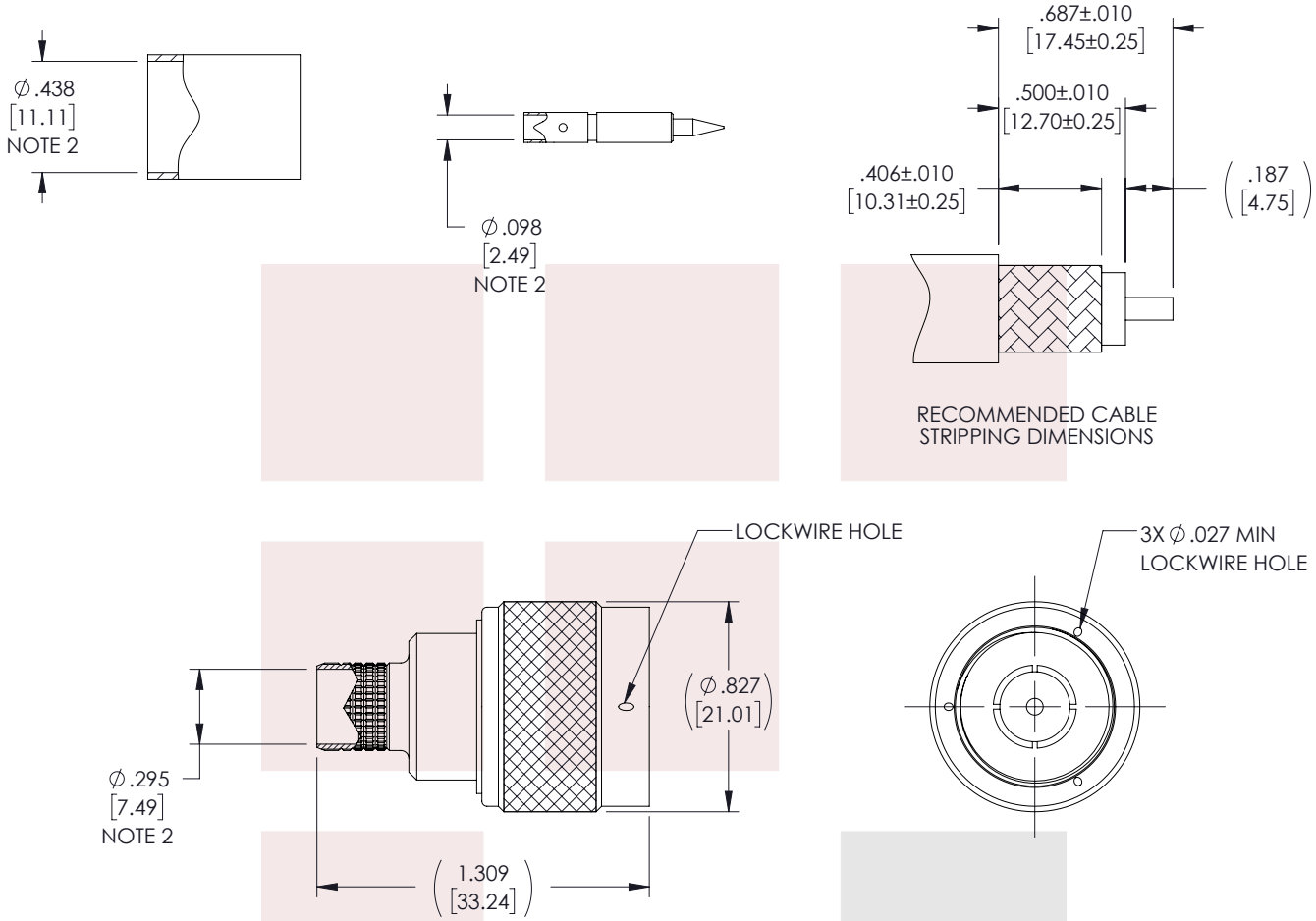
M39012/01-0501 N Male (Plug) Connector For RG214 Cable, Crimp/Solder from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: M39012/01-0501 N Male (Plug) Connector For RG214 Cable, Crimp/Solder M39012/01-0501

URL: https://www.fairviewmicrowave.com/n-male-standard-rg214-connector-m39012-01-0501-p.aspx

The information contained in 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 any liability arising out of the use of any part or documentation.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/28/2022	AGANWANI



NOTES:

1. ASSEMBLY PROCEDURE
   A. TRIM CABLE TO THE DIMENSIONS SHOWN. SLIDE CRIMP SLEEVE BACK ONTO CABLE.
   B. SOLDER OR CRIMP CONTACT ONTO CENTER CONDUCTOR (.100 INCH HEX CRIMP SIZE); BACK OF CONTACT FLUSH WITH TRIMMED END OF CABLE DIELECTRIC. FLARE CUT END OF BRAID SLIGHTLY BY ROTATING DIELECTRIC.
   C. INSERT CABLE/CONTACT INTO REAR OF BODY, WITH ALL BRAID WIRES ON OUTSIDE OF CRIMP TAIL. PUSH CABLE IN UNTIL CONTACT SNAPS INTO INSULATOR.
   D. SLIDE CRIMP SLEEVE FORWARD UNTIL FLUSH WITH BODY AND CRIMP WITH .429 INCH HEX.

2. SHOWS INSIDE DIAMETER.

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TITLE

M39012/01-0501 N Male (Plug) Connector For RG214 Cable, Crimp/Solder

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]
.XX = ±.02 [.51]
.XXX = ±.005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	DZINN	M39012/01-0501	A

T-Rev.D

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