

N Female Bulkhead Connector Crimp/Solder (Captive Contact) Attachment For .100 inch, RG316, RG174, RG188, LMR-100, LMR-100A Cable

Type N female bulkhead connector with crimp/solder (captive contact) attachment for .100 inch, RG316, RG174, RG188, LMR-100 and LMR-100A, part number SC9333, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 11 GHz. Fairview's SC9333 bulkhead type N connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's type N female bulkhead connector SC9333 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
Operating Voltage (AC)			500	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 6					GHz
VSWR, Max	1.5:1					

Mechanical Specifications

Size	
Length	1.043 in [26.49 mm]
Width/Dia.	0.807 in [20.50 mm]
Weight	0.0815 lbs [36.97 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 µin minimum
Insulation	PTFE	
Outer Conductor	Brass	Nickel 100 µin minimum



Configuration:

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- .100 inch, RG316, RG174, RG188, LMR-100, LMR-100A Interface Type
- Crimp/Solder (Captive Contact) Attachment
- Bulkhead
- 3/4 inch Hex

Features:

- Operating Frequency of 11 GHz Max.
- Gold Plated Beryllium Copper Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

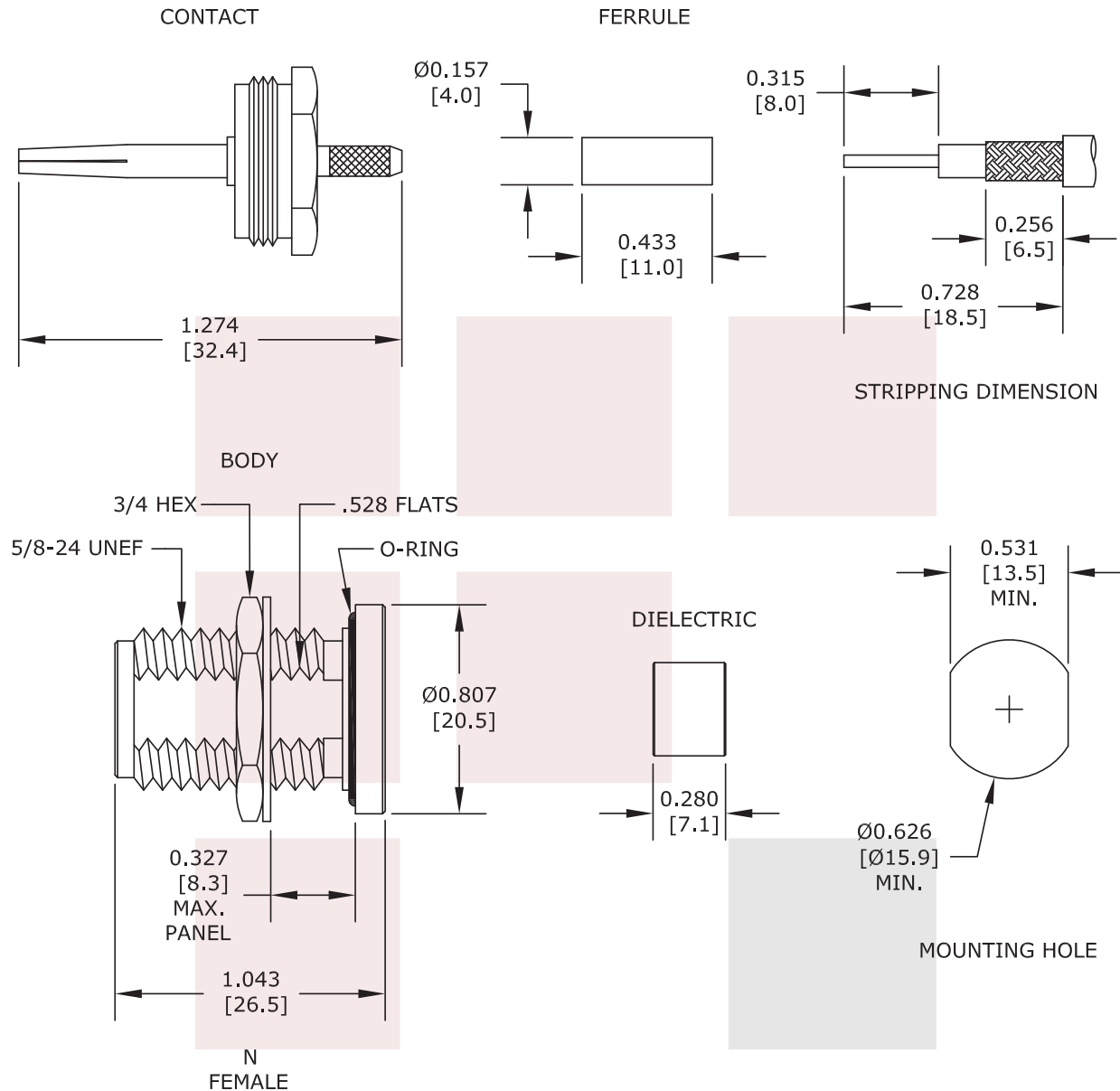
Notes:

N Female Bulkhead Connector Crimp/Solder (Captive Contact) Attachment For .100 inch, RG316, RG174, RG188, LMR-100, LMR-100A Cable 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Female Bulkhead Connector Crimp/Solder \(Captive Contact\) Attachment For .100 inch, RG316, RG174, RG188, LMR-100, LMR-100A Cable SC9333](#)

URL: <https://www.fairviewmicrowave.com/n-female-standard-rg316-rg174-connector-sc9333-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.



STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG NO

SC9333

CAGE CODE

3FKR5

CAD FILE

120916

SHEET

SCALE N/A

SIZE A

41742