

SMA Male Connector Clamp/Solder Attachment For RG316, RG174 Cable

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.25:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size	
Length	0.646 in [16.41 mm]
Width/Dia.	0.315 in [8.00 mm]
Weight	0.013 lbs [5.9 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 50μ in. minimum
Insulation	Teflon	
Body	Brass	Gold 3μ in. minimum
Coupling Nut	Brass	Gold 3μ in. minimum

Environmental Specifications

Temperature	
Operating Range	-65 to 165 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015



Configuration:

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174 Interface Type
- Clamp/Solder Attachment
- 5/16 Inch Hex

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Plotted and Other Data

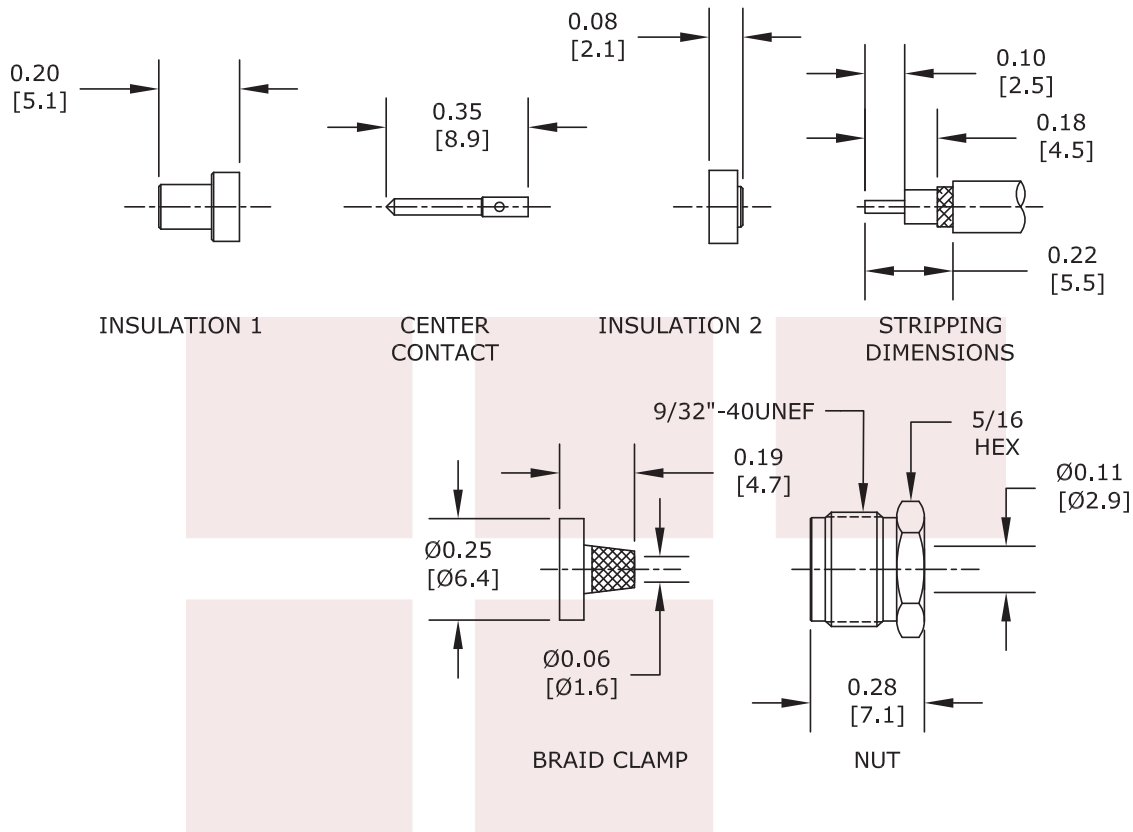
Notes:

SMA Male Connector Clamp/Solder Attachment For RG316, RG174 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: [SMA Male Connector Clamp/Solder Attachment For RG316, RG174 Cable FMC01061](#)

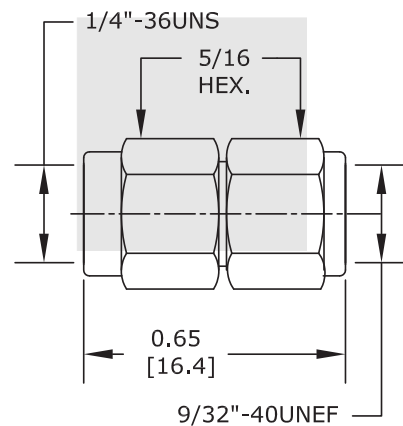
URL: <http://www.fairviewmicrowave.com/sma-male-rg316-rg174-connector-fmc01061-p.aspx>

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.



ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE NUT AND BRAID CLAMP ONTO CABLE.
3. FLARE BRAID (FLAT) AND INSTALL 'INSULATION 2' AGAINST THE BRAID AS SHOWN.
4. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
5. INSERT 'INSULATION 1' INTO THE BODY.
6. VERIFY BRAID IS FLAT AND 'INSULATION 2' IS IN POSITION.
7. INSERT THE CONTACT FULLY INTO THE BODY UNTIL IT SEATS.
8. ASSEMBLE BRAID CLAMP AND NUT, CLAMPING THE BRAID AS SHOWN.
9. RECOMMENDED TORQUE: 3 TO 5 IN-LBS.



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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].

TITLE

SMA Male Connector Clamp/Solder Attachment For RG316, RG174 Cable

DWG NO

FMC01061

CAGE CODE

3FKR5

CAD FILE

102715

SHEET

SCALE

N/A

SIZE

A 2233