

2.92mm Male Connector Solder Attachment For RG405, RG405 Tinned, .086 SR Cable

2.92mm male connector with solder attachment for RG405, RG405 Tinned and .086 SR, part number SC5844, from Fairview Microwave is in-stock and ships same day. This 2.92mm male connector operates up to a maximum frequency of 40 GHz and offers good VSWR of 1.3:1.

Fairview's 2.92mm male connector SC5844 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		40	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,500	Vrms
High Potential Voltage 5 to 7.5 MHz			1,000	Vrms
Corona Discharge at 70,000 ft			375	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage	90			dB

Electrical Specification Notes:
Values at +25°C, sea level.

Mechanical Specifications

Size	
Length	0.43 in [10.92 mm]
Width/Dia.	0.313 in [7.95 mm]
Weight	0.0095 lbs [4.31 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel 50 µin minimum
Insulation	Oxide-Noryl	
Body	Beryllium Copper	Gold over Nickel 50 µin minimum
Coupling Nut	Passivated Stainless Steel	



Configuration:

- 2.92mm Male Connector
- 50 Ohms
- Straight Body Geometry
- RG405, RG405 Tinned, .086 SR Interface Type
- Solder Attachment
- 5/16 inch Hex

Features:

- Operating Frequency of 40 GHz Max.
- Good VSWR of 1.3:1
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Environmental Specifications

Temperature

Operating Range	-65 to +105 deg C
Humidity	MIL-STD-202, Method 106
Shock	MIL-STD-202, Method 213, Condition I
Vibration	MIL-STD-202, Method 204, Condition D
Thermal Shock	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B, 5%

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

Plotted and Other Data

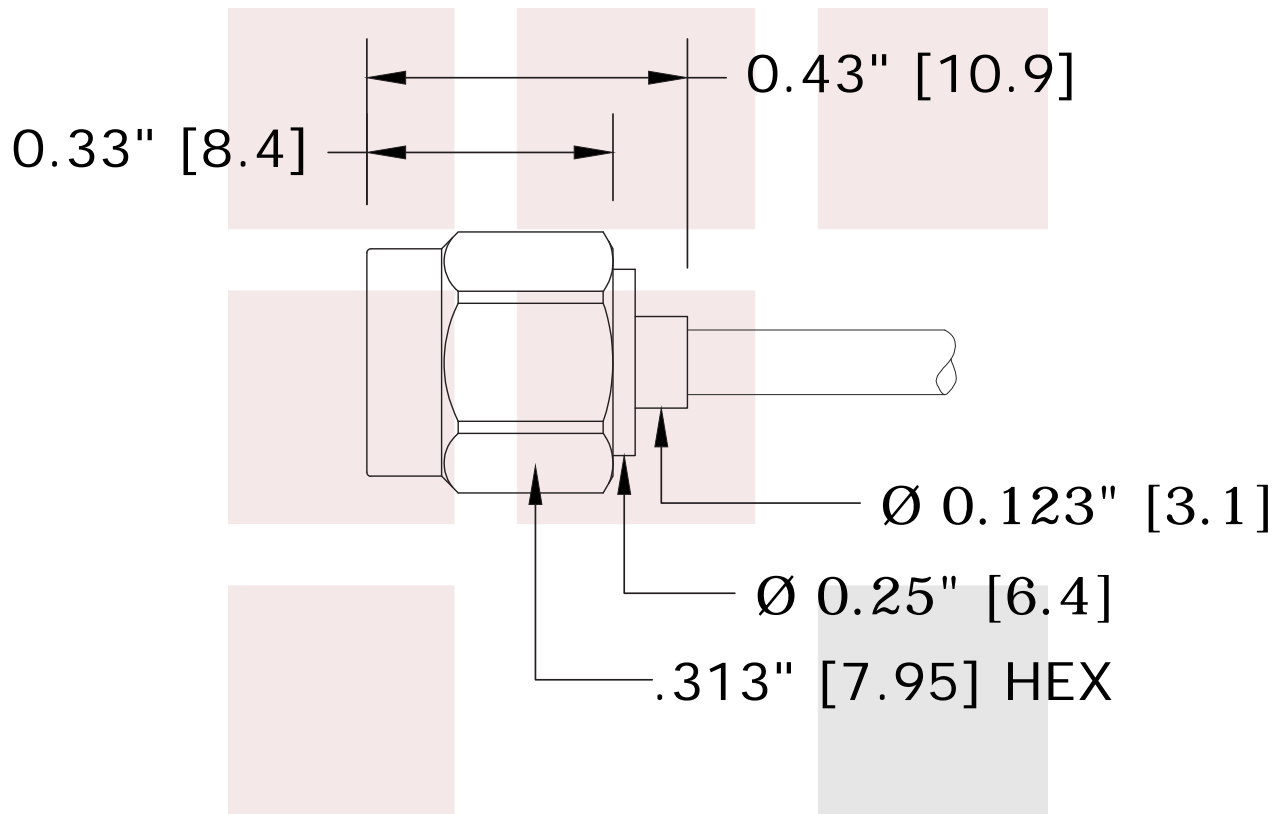
Notes:

2.92mm Male Connector Solder Attachment For RG405, RG405 Tinned, .086 SR 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2.92mm Male Connector Solder Attachment For RG405, RG405 Tinned, .086 SR Cable SC5844](#)

URL: <https://www.fairviewmicrowave.com/2.92mm-connector-sc5844-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.



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TITLE 2.92mm Male Connector Solder Attachment For RG405, RG405 Tinned, .086 SR Cable		DWG NO SC5844		CAGE CODE 3FKR5	
CAD FILE	021715	SHEET	SCALE	N/A	SIZE A 5568