

SMA Female Bulkhead Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable

SMA female bulkhead connector with crimp/solder attachment for RG58, RG141, RG303, 0.195 inch, LMR-195 and LMR-195-FR, part number SC7071, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.3:1. Fairview's SC7071 bulkhead SMA 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 SMA female bulkhead connector SC7071 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		12.4	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	0.94 in [23.88 mm]
Weight	0.01102 lbs [5 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Outer Conductor	Passivated Stainless Steel	

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C

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

Plotted and Other Data

Notes:



Configuration:

- SMA Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Interface Type
- Crimp/Solder Attachment
- Bulkhead
- 5/16 inch Hex

Features:

- Operating Frequency of 12.4 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications:

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

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

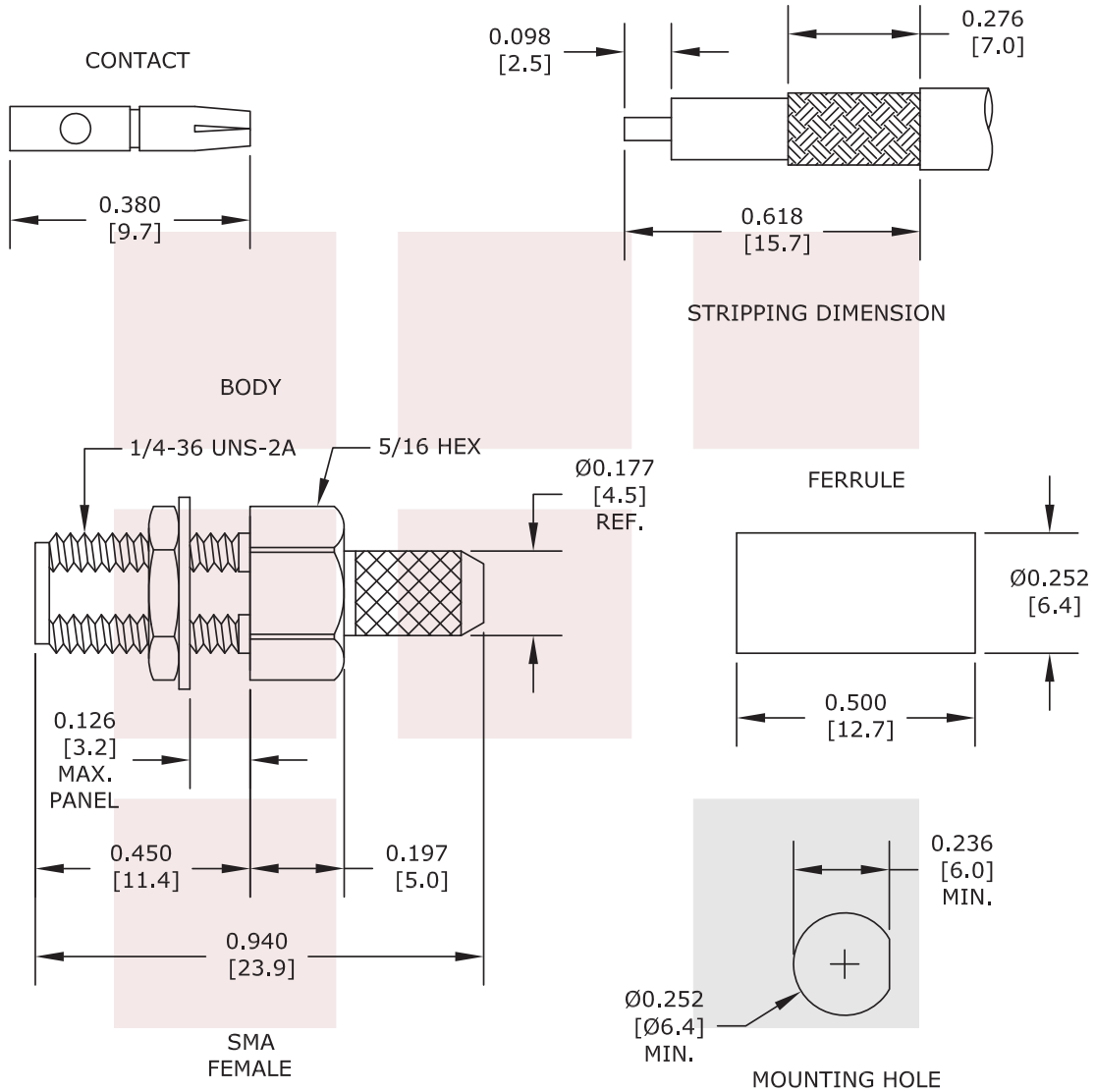
SMA Female Bulkhead Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Female Bulkhead Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable SC7071](#)

URL: <https://www.fairviewmicrowave.com/sma-female-standard-rg58-connector-sc7071-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

FAIRVIEW MICROWAVE INC.		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].		
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO	CAGE CODE	
TITLE SMA Female Bulkhead Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable		SC7071		3FKR5
		CAD FILE	SHEET	SCALE N/A
	120616			41742