

RA SMC Jack Bulkhead PCB Connector Thru Hole Solder Attachment , .177 inch D Hole

RA SMC jack bulkhead connector with solder attachment for thru hole PCB (.177 inch D hole), part number FMCN1561, from Fairview Microwave is in-stock and ships same day. This SMC jack connector operates up to a maximum frequency of 10 GHz. Its right angle body geometry facilitates connections in tight spaces. Fairview's FMCN1561 bulkhead SMC 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 RA SMC jack bulkhead connector FMCN1561 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.



Configuration:

- SMC Jack Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment
- Bulkhead

Features:

- Operating Frequency of 10 GHz Max.
- Gold over Nickel Plated Brass Contact
- 30 µin minimum contact plating

Applications:

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		10	GHz
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms
High Potential Voltage at 4 and 7 MHz			600	Vrms
Insulation Resistance	1,000			MOhms

Mechanical Specifications

Size

Length	0.812 in [20.62 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.457 in [11.61 mm]

Mating Cycles 500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold over Nickel 10 µin minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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Shock	MIL-STD-202, Method 213, Condition C
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

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

Plotted and Other Data

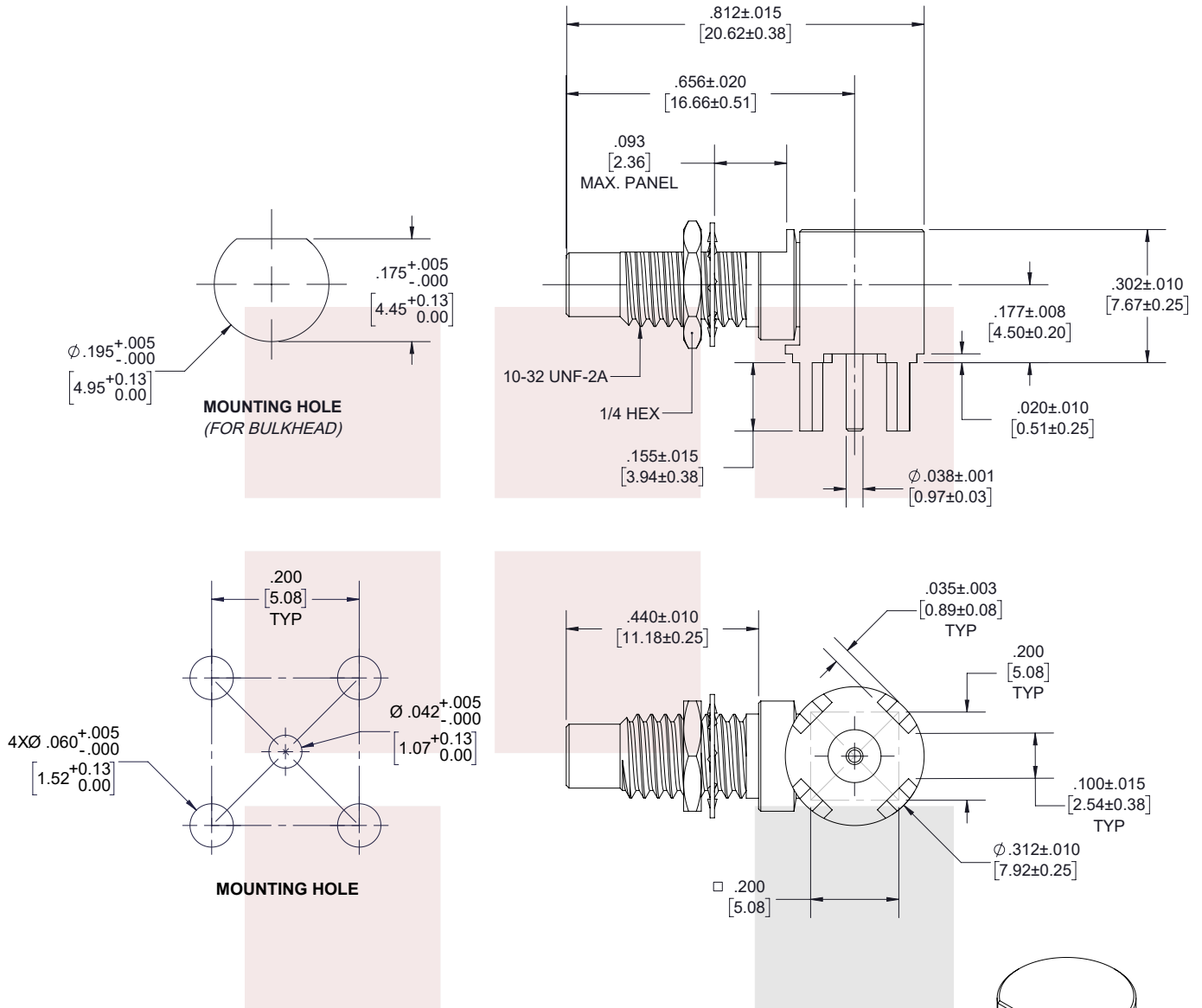
Notes:

RA SMC Jack Bulkhead PCB Connector Thru Hole Solder Attachment , .177 inch D Hole 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: [RA SMC Jack Bulkhead PCB Connector Thru Hole Solder Attachment , .177 inch D Hole FMCN1561](#)

URL: <https://www.fairviewmicrowave.com/smc-jack-thru-hole-pcb-connector-fmcn1561-p.aspx>

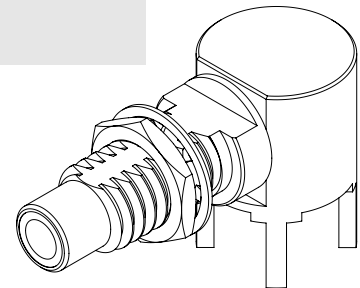
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to 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 ±0.01
- .XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



<p>Fairview Microwave an INFINIT[®] brand</p>		<p>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].</p>			
TITLE		DWG NO		CAGE CODE	
RA SMC Jack Bulkhead PCB Connector Thru Hole Solder Attachment , .177 inch D Hole		FMCN1561		3FKR5	
CAD FILE	06/17/19	SHEET	1 OF 1	SCALE	N/A
				SIZE	A
					7361