

## 10-32 Female (Jack) Bulkhead Connector Solder Cup Terminal, Solder

10-32 female bulkhead connector with solder cup terminal, part number SC5563, from Fairview Microwave is in-stock and ships same day. This 10-32 female connector operates up to a maximum frequency of 2 GHz and offers excellent VSWR of 1.25:1. Fairview's SC5563 bulkhead 10-32 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 10-32 female bulkhead connector SC5563 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		2	GHz
VSWR			1.25:1	

### Mechanical Specifications

<b>Size</b>	
Length	0.625 in [15.88 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.0668 lbs [30.3 g]

### Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204
Insulation	PTFE	
Outer Conductor	Brass	Nickel QQ-N-290
Gasket	Silicone	

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

### Plotted and Other Data

Notes:



### Configuration:

- 10-32 Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- Solder Cup Interface Type
- Solder Attachment
- Bulkhead
- 5/16 inch Hex

### Features:

- Operating Frequency of 2 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

10-32 Female (Jack) Bulkhead Connector Solder Cup Terminal, Solder 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.

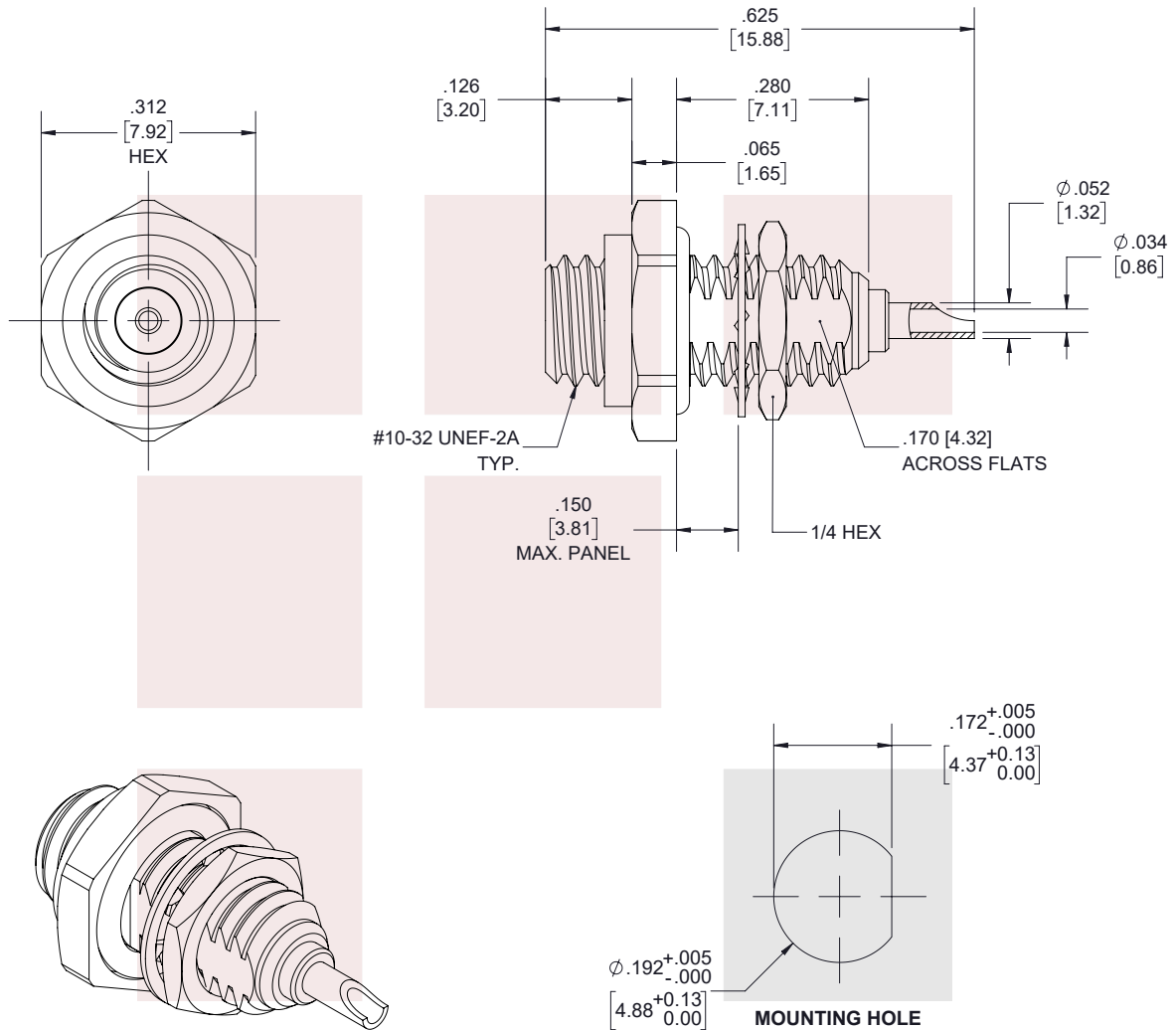
For additional information on this product, please click the following link: [10-32 Female \(Jack\) Bulkhead Connector Solder Cup Terminal, Solder SC5563](#)

URL: <https://www.fairviewmicrowave.com/10-32-female-standard-solder-cup-terminal-connector-sc5563-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.



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR SC5563	3/17/2021	S.ELLIS



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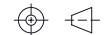
TITLE  
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.Dang	ITEM NO. SC5563	REV A
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