

## TNC Female (Jack) Connector Solder Cup Terminal 4 Hole Flange (Panel Mount), Solder, Nickel Plated Brass Body, Length 0.63 In

TNC Female 4 hole Flange Mount Standard 4 hole Flange Mount Connector Solder Attachment for Solder Cup Cable, part number SC4233, from Fairview Microwave is in-stock and ships same day. This TNC female connector operates up to a maximum frequency of 11 GHz and offers excellent VSWR of 1.25:1. Fairview's SC4233 4 hole flange TNC 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 TNC female 4 hole flange connector SC4233 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:

- TNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Solder Cup Interface Type
- Solder Attachment
- 4 Hole Flange

### Features:

- Operating Frequency of 11 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

### Applications:

- General Purpose Test
- Rack and Panel Mount Applications

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		11	GHz
VSWR			1.25:1	

### Mechanical Specifications

<b>Size</b>	
Length	0.63 in [16 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.036 lbs [16.33 g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-55 to +165 deg C

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

### Plotted and Other Data

Notes:

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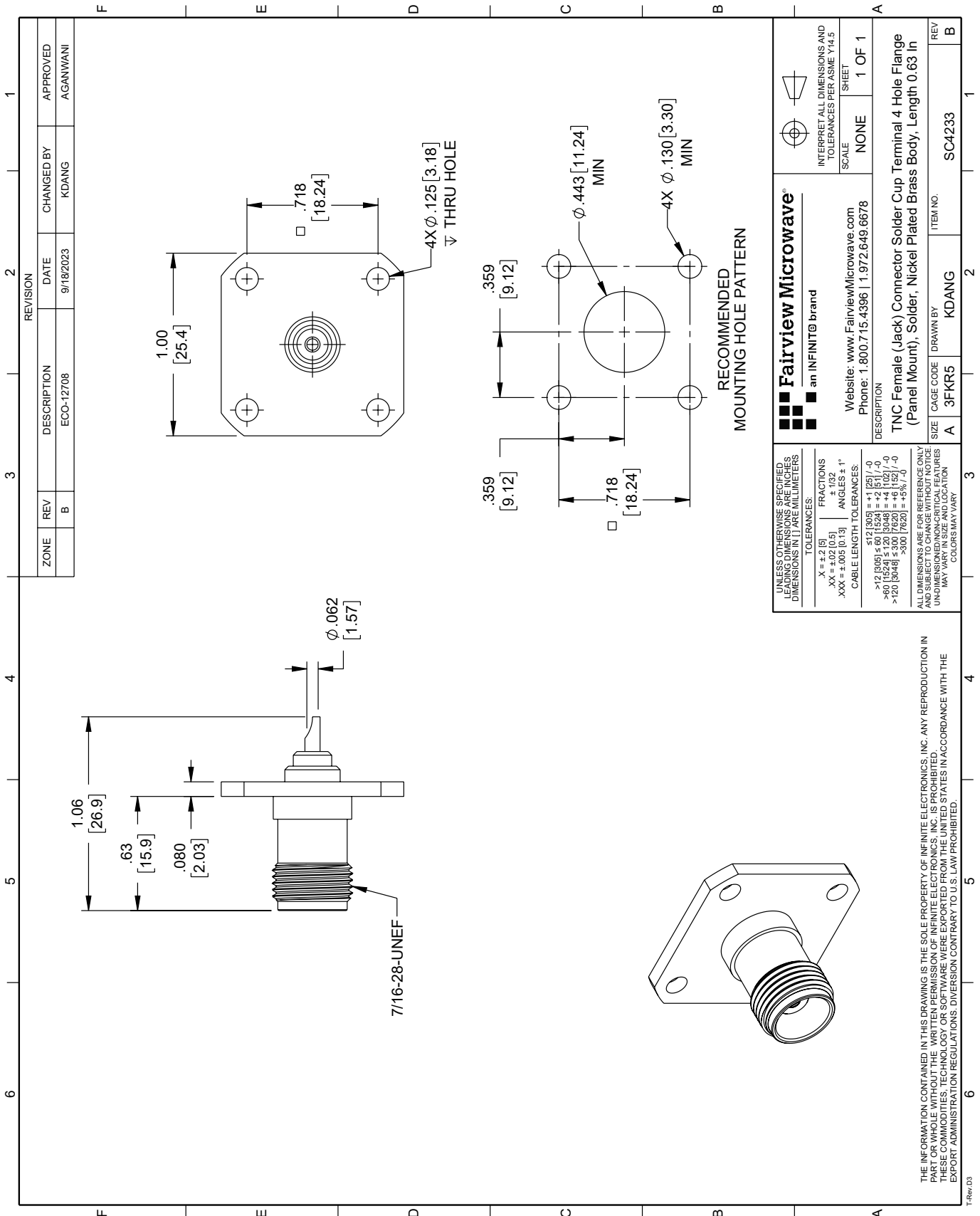
TNC Female (Jack) Connector Solder Cup Terminal 4 Hole Flange (Panel Mount), Solder, Nickel Plated Brass Body, Length 0.63 In from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Female \(Jack\) Connector Solder Cup Terminal 4 Hole Flange \(Panel Mount\), Solder, Nickel Plated Brass Body, Length 0.63 In SC4233](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-standard-solder-cup-terminal-connector-sc4233-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.





REVISION		DESCRIPTION	DATE	CHANGED BY	APPROVED
ZONE	REV	ECO-12708	9/18/2023	KDANG	AGANWANI
	B				

<b>Fairview Microwave</b> an INFINIT <sup>®</sup> brand Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SHEET SCALE NONE 1 OF 1	
DESCRIPTION TNC Female (Jack) Connector Solder Cup Terminal 4 Hole Flange (Panel Mount), Solder, Nickel Plated Brass Body, Length 0.63 In			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	KDANG	SC4233

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE MILLIMETERS.

TOLERANCES:

X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.005 [0.13]	

CABLE LENGTH TOLERANCES:

s12 [305] = +1 [25] / -0
s2 [12 [305] s 60 [1524] = +2 [51] / -0
s3 [15 [381] s 300 [7620] = +6 [152] / -0
s4 [20 [508] s 300 [7620] = +6 [152] / -0
s5 [20 [508] s 300 [7620] = +6 [152] / -0
s6 [20 [508] s 300 [7620] = +6 [152] / -0
s7 [20 [508] s 300 [7620] = +6 [152] / -0
s8 [20 [508] s 300 [7620] = +6 [152] / -0
s9 [20 [508] s 300 [7620] = +6 [152] / -0
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s11 [20 [508] s 300 [7620] = +6 [152] / -0
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s19 [20 [508] s 300 [7620] = +6 [152] / -0
s20 [20 [508] s 300 [7620] = +6 [152] / -0

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