

RP TNC Male Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .531 inch Hole Spacing



FMCN4415

Configuration

- TNC Male Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Solder Cup
- 4 Hole Flange

Features

- Operating Frequency of 11 GHz Max.
- Good VSWR of 1.35:1
- Reverse Polarity
- Gold Over Nickel-Phosphorus Alloy Over Copper Plated Phosphor Bronze Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

RP TNC Male Connector Solder Attachment for Solder Cup Cable,, part number FMCN4415, from Fairview Microwave is in-stock and ships same day. Our reverse polarity male configuration uses a male connector body with a female inner contact receptacle. This TNC male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.35:1. Fairview's FMCN4415 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 RP TNC male 4 hole flange connector FMCN4415 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.146 in [29.11 mm]
Width	0.689 in [17.5 mm]
Height	0.689 in [17.5 mm]
Weight	0.05 lbs [22.68 g]
Mating Cycles	500 Cycles

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Mating Torque	4.1 to 6.1 in-lbs [[0.46 to 0.69 Nm]]
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Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold Over Nickel-Phosphorus Alloy Over Copper
Contact Spring	Delrin	
Insulation	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Environmental Specifications

Temperature	
Operating Range	-65 to +165 deg C
Humidity	MIL-STD-202, Method 106
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:

RP TNC Male Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .531 inch Hole Spacing 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.

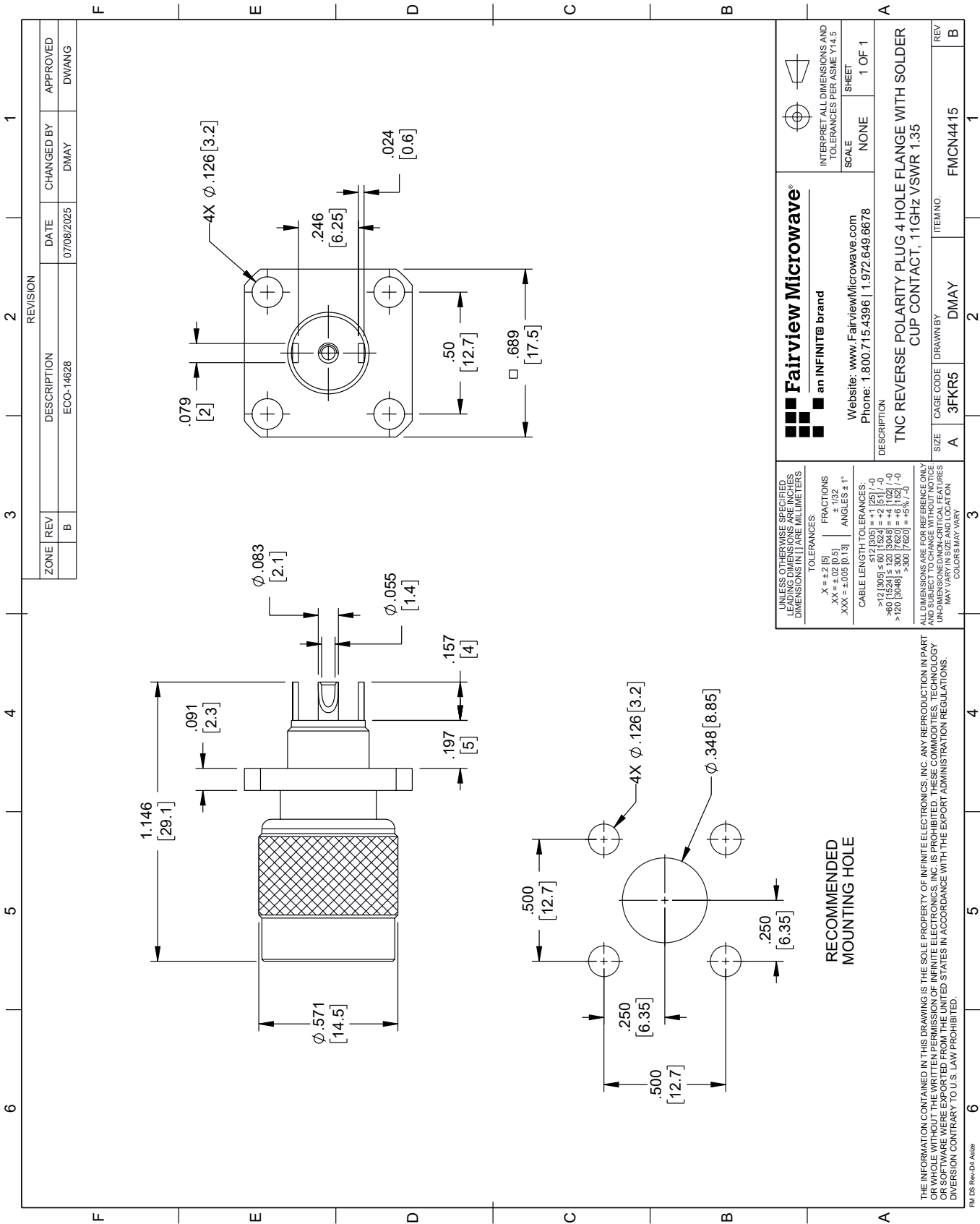
For additional information on this product, please click the following link: [RP TNC Male Connector Solder Cup Terminal Solder Attachment 4 Hole Flange , .531 inch Hole Spacing FMCN4415](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-male-solder-cup-terminal-connector-fmcn4415.html>

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FMCN4415 CAD Drawing

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