

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

PE47081

Configuration

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

Features

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

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE47081 RP TNC Male Connector Solder Attachment for Solder Cup Cable, is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle. Our TNC male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.35:1. This TNC 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our reverse polarity TNC male 4 hole flange connector PE47081 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship 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 Attachment 4 Hole Flange Mount Solder Cup Terminal, .531 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP-TNC Male Connector Solder Attachment 4 Hole Flange Mount Solder Cup Terminal, .531 inch Hole Spacing PE47081](#)

URL: <https://www.pasternack.com/tnc-male-reverse-polarity-solder-cup-terminal-connector-pe47081.html>

The information contained within 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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE47081 CAD Drawing

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