



RP-TNC Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4677

Configuration

- TNC Male Reverse Polarity Connector
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 3 GHz
- Gold Plated Brass Contact
- 30 µinch minimum contact plating
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4677 RP TNC male right angle connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 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 3 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our reverse polarity TNC male right angle connector PE4677 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		3	GHz
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.146 in [29.11 mm]
Width/Dia.	1.142 in [29.01 mm]
Height	0.571 in [14.5 mm]
Weight	0.061 lbs [27.67 g]

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 Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4677](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 pinch minimum
Insulation	PTFE	
Body	Brass	Nickel 100 pinch minimum

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

RP-TNC Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 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.

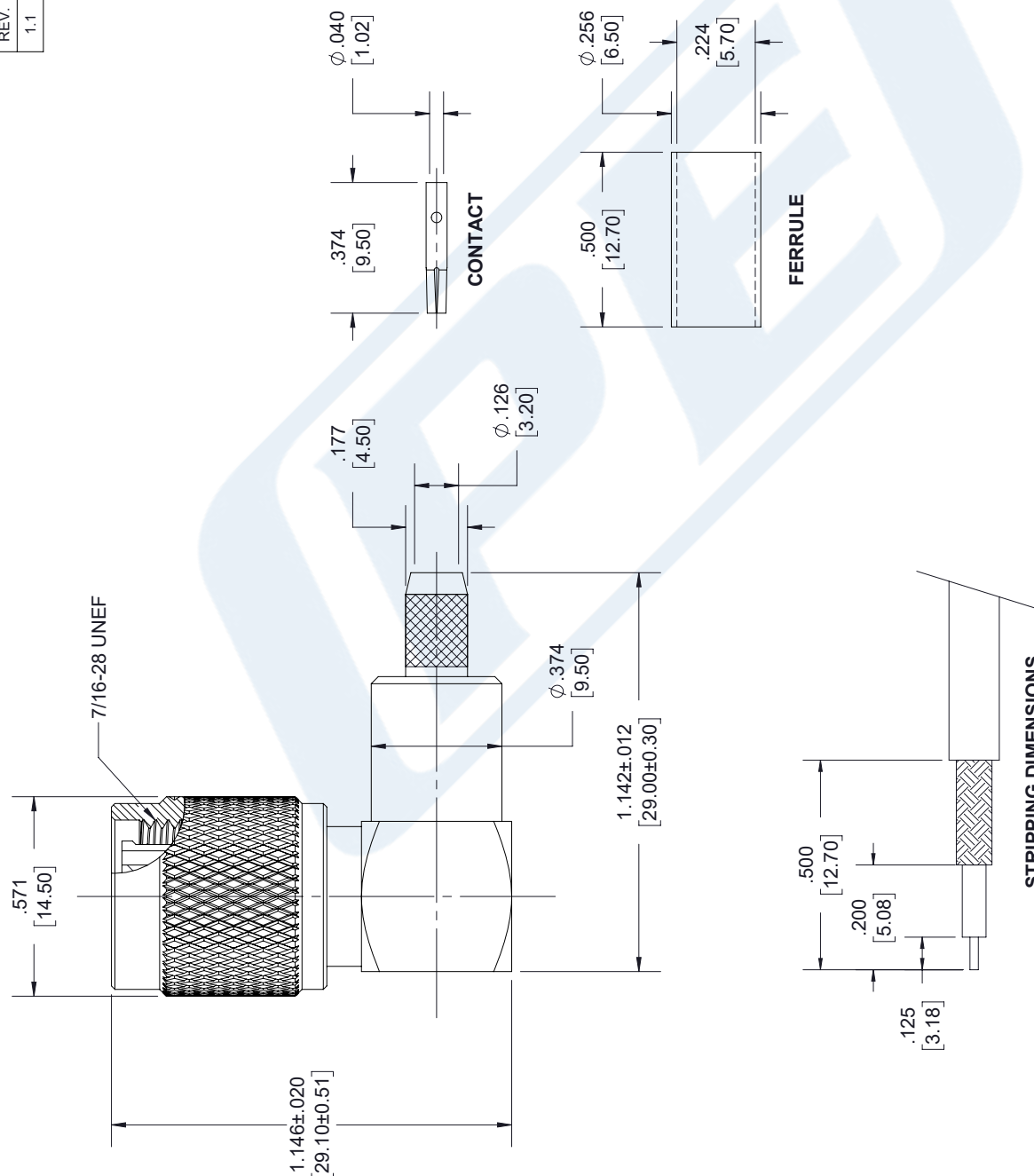
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URL: <https://www.pasternack.com/tnc-male-reverse-polarity-rg55-rg141-rg142-rg223-rg400-connector-pe4677-p.aspx>

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

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR PE4677 20190610	06/14/19	S.ELLIS



STRIPPING DIMENSIONS

NOTES:

1. CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: SOLDER/CRIMP.
2. CRIMP SIZE REQUIRED:
 - FERRULE: .213 [5.41] HEX. CRIMP TOOL.
 - CONTACT: .088 [1.73] HEX. CRIMP TOOL.

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

FRACTIONS	
X=± .2	[5.08]

Variable	Mean	Standard Deviation	Minimum	Maximum
Age	35.2	12.5	18	65
Gender	0.5	0.5	0	1
Education	12.8	1.5	9	16
Income	45000	15000	20000	80000
Health	0.7	0.3	0	1
Marital Status	0.6	0.5	0	1
Occupation	2.5	1.5	1	5
Religion	0.4	0.5	0	1
Smoking	0.3	0.5	0	1
Alcohol	0.2	0.4	0	1
Exercise	0.5	0.5	0	1
Stress	0.6	0.5	0	1
Depression	0.4	0.5	0	1
Loneliness	0.5	0.5	0	1
Life Satisfaction	0.7	0.3	0	1
Quality of Life	0.6	0.4	0	1
Healthcare Access	0.8	0.2	0	1
Health Insurance	0.9	0.1	0	1
Medical History	0.5	0.5	0	1
Genetic Testing	0.3	0.5	0	1
Preventive Care	0.6	0.5	0	1
Chronic Disease	0.4	0.5	0	1
Mental Health	0.5	0.5	0	1
Substance Use	0.2	0.4	0	1
Family Support	0.7	0.3	0	1
Community Support	0.6	0.4	0	1
Healthcare Costs	0.5	0.5	0	1
Healthcare Quality	0.8	0.2	0	1
Healthcare Access	0.9	0.1	0	1
Healthcare Insurance	0.7	0.3	0	1
Healthcare Satisfaction	0.6	0.4	0	1
Healthcare Quality	0.8	0.2	0	1
Healthcare Access	0.9	0.1	0	1
Healthcare Insurance	0.7	0.3	0	1
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Healthcare Satisfaction	0.6	0.4	0	1
Healthcare Quality	0.8	0.2	0	1
Healthcare Access				

ANGLES $\pm 1^\circ$

ALL DIMENSIONS SHOWN

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ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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an INFINITE brand

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SIZE	CAGE	DRAWN BY	PART NUMBER
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SIZE	CAGE	DRAWN BY	PART NUMBER
A	E3010	K DANC	DE 165

A	53919	K.DANG	PE467
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SCALE

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