RP-TNC Plug Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

PE517807

Configuration

- TNC Plug Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG214, RG9, RG225, RG393

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.2:1
- Gold over Nickel over Copper Plated Phosphor Bronze Contact
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE517807 RP TNC Plug Connector Crimp/Solder Attachment for RG214, RG9, RG225 and RG393 Cable is part of our full line of RF components available for same-day shipping. The plug reverse polarity configuration uses a plug connector body with an inner contact receptacle. Our TNC plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.2:1.

Our reverse polarity TNC plug connector PE517807 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
VSWR			1.2:1	
Insertion Loss			0.173	dB
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	1.114 in [28.3 mm]
Width	0.591 in [15.01 mm]
Height	1.114 in [28.3 mm]
Weight	0.2 lbs [90.72 g]
Mating Cycles	500 Cycles
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 over Copper
Insulation	PTFE	
Outer Conductor	Brass	Copper-Tin-Zinc Alloy
Body	Brass	Copper-Tin-Zinc Alloy
Retaining Ring	Phosphor Bronze	Copper-Tin-Zinc Alloy
Gasket	Silicone	
Crimp Sleeve	Copper	Copper-Tin-Zinc Alloy

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 Plug Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 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 Plug Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE517807

URL: https://www.pasternack.com/tnc-male-reverse-polarity-rg214-rg9-rg225-rg393-connector-pe517807.html

PE517807 CAD Drawing

RP-TNC Plug Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393