



## Reverse Polarity SMA Male to TNC Male Adapter

### TECHNICAL DATA SHEET

PE9597

#### Configuration

Connector 1	SMA Male Reverse Polarity
Impedance 1	50 Ohms
Connector Specification 1	MIL-C-39012
Connector 2	TNC Male
Impedance 2	50 Ohms
Connector Specification 2	MIL-C-39012
Adapter Design	Standard
Body Style	Straight

#### Electrical Specifications

Frequency Range	DC to 11 GHz
Maximum VSWR	1.2:1

#### Mechanical Specifications

##### Size

Length, in [mm]	1.078 [27.38]
Width/Dia., in [mm]	0.59 [14.99]

#### Connector 1

Type	SMA Male Reverse Polarity
Inner Conductor Material and Plating	Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

#### Connector 2

Type	TNC Male
Inner Conductor Material and Plating	Gold
Inner Conductor Plating Specification	MIL-G-45204
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

#### Environmental Specifications

##### Temperature

Operating Range	-65 to +165 deg C
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#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male to TNC Male Adapter PE9597](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Reverse Polarity SMA Male to TNC Male Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

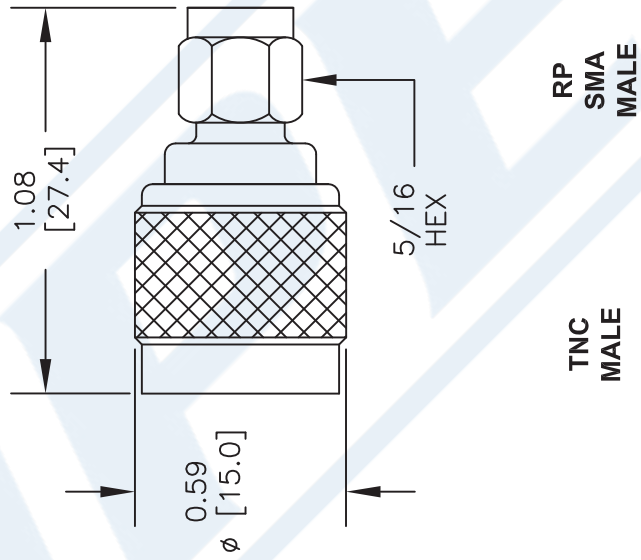
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male to TNC Male Adapter PE9597](#)

URL: <http://www.pasternack.com/sma-male-tnc-male-straight-adapter-pe9597-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.

# PE9597 CAD Drawing

Reverse Polarity SMA Male to TNC Male Adapter



DWG TITLE

**PE9597**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

FSCM NO. 53919

CAD FILE 103114

SCALE N/A

SIZE A

2233

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THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com