



High Power 100 Watt RF Load Up To  
6 GHz With SMA Female Input

TECHNICAL DATA SHEET

PE6TR1002

**Configuration**

RF Load Design	Precision
Connector	SMA Female
Connection Method	Standard
Body Style	Straight

**Electrical Specifications** (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.25:1	
Input Power			100	Watts

**Mechanical Specifications**

**Temperature**

Operating Range +100 to -55 deg C

**Size**

Length 0.96 in [24.38 mm]  
Width/Dia. 1.38 in [35.05 mm]  
Height 0.57 in [14.48 mm]

**Connector**

Type SMA Female  
Body Material and Plating Stainless Steel, Passivated

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant  
REACH Compliant 06/16/2014

**Plotted and Other Data**

Notes:

- Values at +25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watt RF Load Up To 6 GHz With SMA Female Input PE6TR1002](#)



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High Power 100 Watt RF Load Up To 6 GHz With SMA Female Input 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.

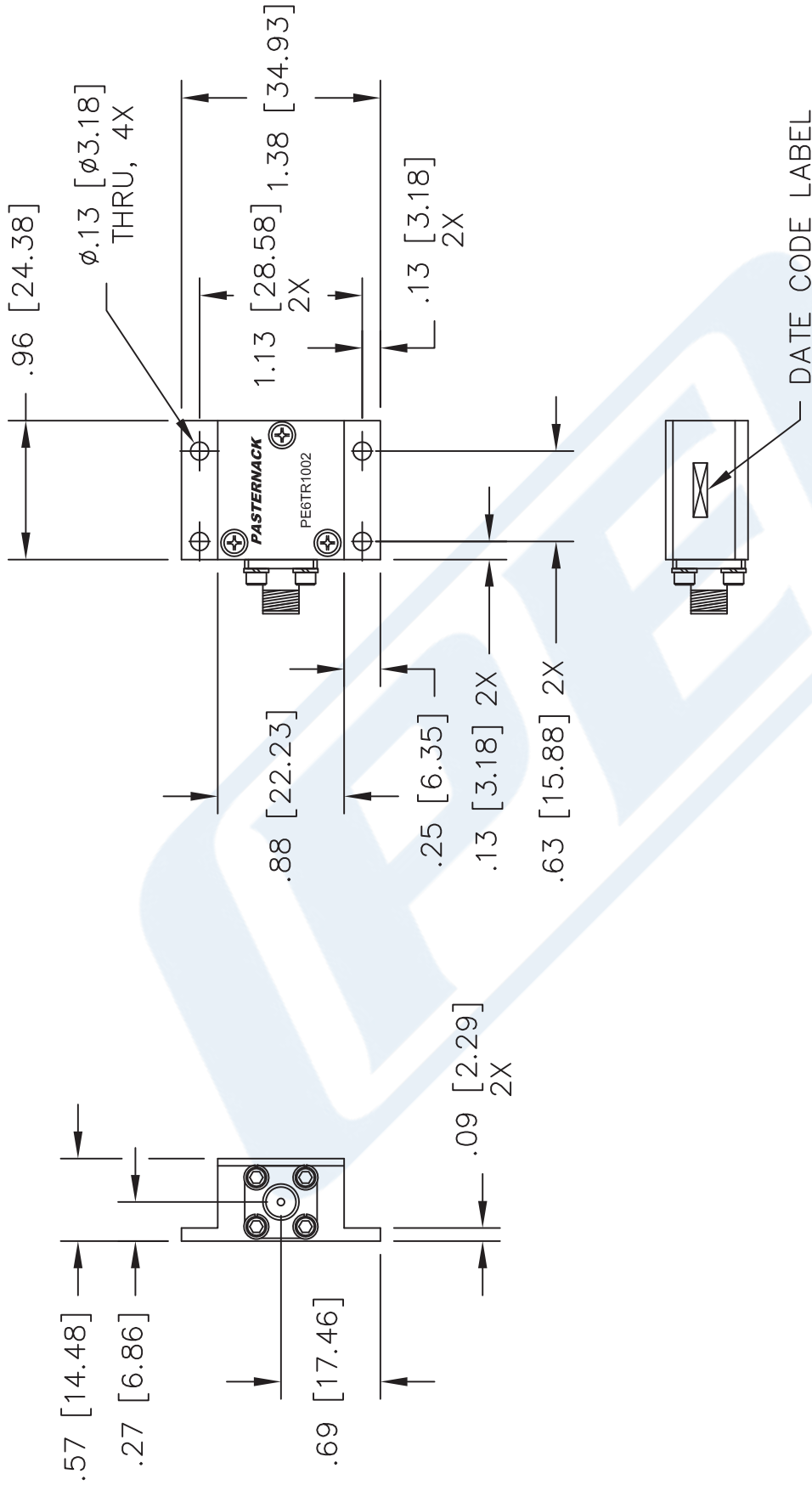
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watt RF Load Up To 6 GHz With SMA Female Input PE6TR1002](http://www.pasternack.com/100-watts-sma-female-rf-load-up-to-6-ghz-precision-pe6tr1002-p.aspx)

URL: <http://www.pasternack.com/100-watts-sma-female-rf-load-up-to-6-ghz-precision-pe6tr1002-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.

# PE6TR1002 CAD Drawing

High Power 100 Watt RF Load Up To 6 GHz With SMA Female Input



TOLERANCE .XX ±.02  
 .XXX ±.010  
 ANG. ±1/2°

\* THESE DIMENSIONS AND TOLERANCES SUPERSEDE NOTE #1 ON TITLE BLOCK.

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 THE ENGINEER'S RF SOURCE  
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DWG TITLE  
**PE6TR1002**  
 FSCM NO. 53919

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].

CAD FILE 040915 SCALE N/A SIZE A 2233