



## 50 Ohm 1 Watts Precision 2.4mm Male RF Load Up To 50 GHz

### TECHNICAL DATA SHEET

**PE6227**

#### Configuration

RF Load Design	Precision
Connector	2.4mm Male
Connector Specification	MIL-STD-348
Connection Method	Standard
Body Style	Straight

#### Electrical Specifications

Frequency Range, GHz	DC to 50
Impedance, Ohms	50
Maximum VSWR	1.45:1
Maximum Input Power, Watts	1
Peak Power, Watts	100

#### Frequency 1

Frequency, GHz	DC to 6
VSWR	1.1:1

#### Frequency 2

Frequency, GHz	6 to 26.5
VSWR	1.3:1

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	+100 to -55
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##### Size

Length, in [mm]	0.44 [11.18]
Width/Dia., in [mm]	0.312 [7.92]
Weight, lbs [g]	0.54 [244.94]

##### Connector

Type	2.4mm Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-PRF-39012
Coupling Nut Material and Plating	Passivated Stainless Steel
Coupling Nut Plating Specification	QQ-P-35
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	10 [1.13]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	QQ-P-35
Dielectric Type	PPO

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 1 Watts Precision 2.4mm Male RF Load Up To 50 GHz PE6227](#)

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.



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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

50 Ohm 1 Watts Precision 2.4mm Male RF Load Up To 50 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

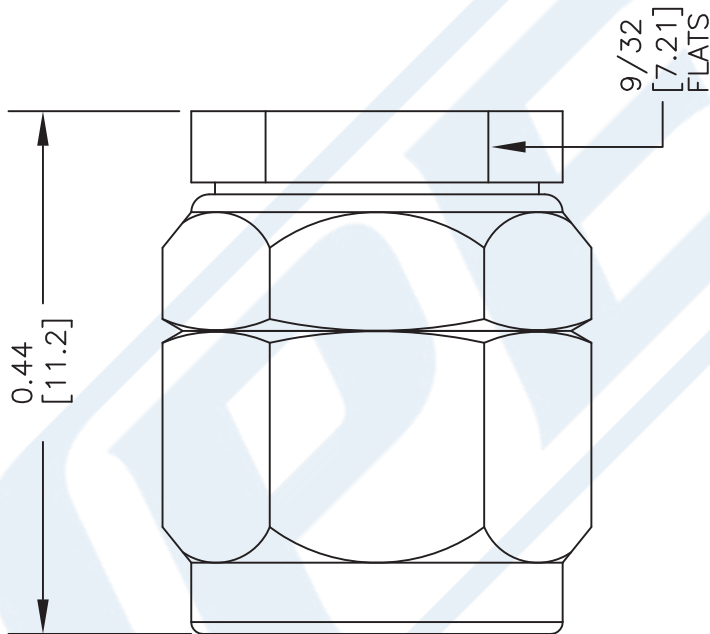
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PE6227 CAD Drawing

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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].

DWG TITLE	PE6227
FSCM NO.	53919



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