



50 Ohm 1 Watts Precision Passivated Stainless
Steel SMA Female RF Load Up To 26.5 GHz

TECHNICAL DATA SHEET

PE6079

50 Ohm 1 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 26.5 GHz

Configuration

RF Load Design	Precision
Connector	SMA Female
Connector Specification	MIL-STD-348
Heat Sink	Passivated Stainless Steel
Connection Method	Standard
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 26.5
Impedance, Ohms	50
Maximum VSWR	1.35:1
Maximum Input Power, Watts	1

Frequency 1

Frequency, GHz	DC to 18
VSWR	1.25:1

Frequency 2

Frequency, GHz	18 to 26.5
VSWR	1.35:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +125
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Size

Length, in [mm]	0.545 [13.84]
Width/Dia., in [mm]	0.25 [6.35]

Connector

Type	SMA Female
Inner Conductor Material and Plating	Brass/Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PPO

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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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 Passivated Stainless Steel SMA Female RF Load Up To 26.5 GHz PE6079](#)

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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Plotted and Other Data

Notes:

Values at 25 °C, sea level

50 Ohm 1 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 26.5 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.

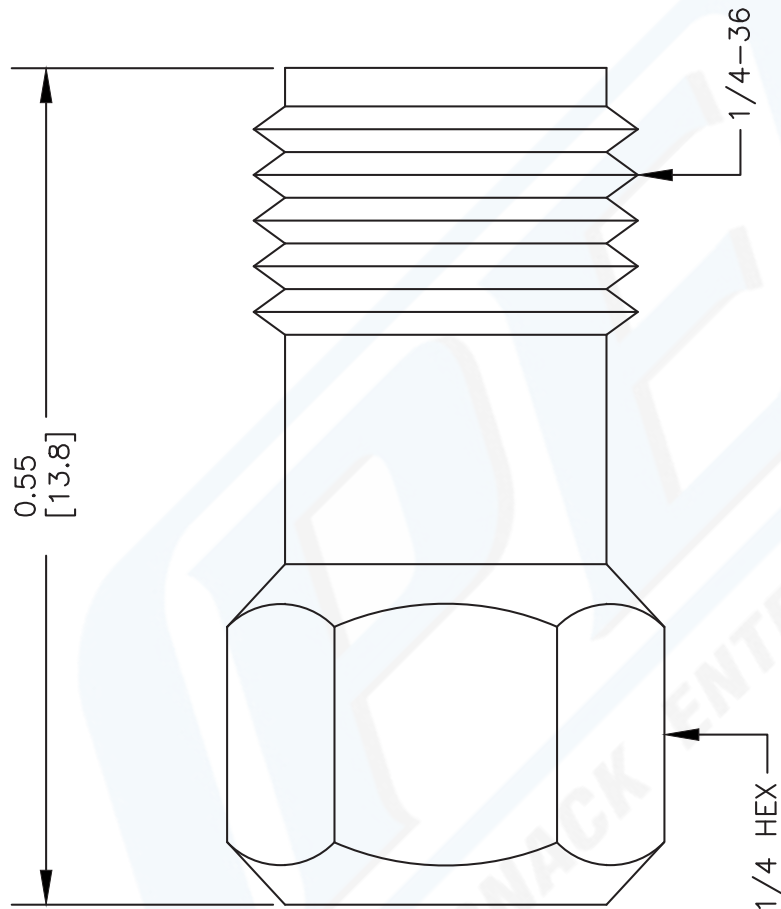
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 1 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 26.5 GHz PE6079](http://www.pasternack.com/1-watts-sma-female-rf-load-up-to-26.5-ghz-precision-pe6079-p.aspx)

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PE6079 CAD Drawing

50 Ohm 1 Watts Precision Passivated Stainless Steel
SMA Female RF Load Up To 26.5 GHz



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		FSCM NO. 53919		CAD FILE 072806		SCALE N/A	SIZE A	127
PE6079								

**PASTERNAK®**

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