



**50 Ohm 5 Watts Passivated Stainless Steel  
SMA Female RF Load Up To 18 GHz**

**TECHNICAL DATA SHEET**

**PE6096**

**50 Ohm 5 Watts Passivated Stainless Steel SMA Female RF Load Up To 18 GHz**

**Configuration**

Connector	SMA Female
Connector Specification	MIL-STD-348
Heat Sink	Aluminum Heatsink, Black Anodized

**Electrical Specifications**

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.25:1
Maximum Input Power, Watts	5

**Frequency 1**

Frequency, GHz	DC to 4
VSWR	1.1:1

**Frequency 2**

Frequency, GHz	4 to 8
VSWR	1.15:1

**Frequency 3**

Frequency, GHz	8 to 12.4
VSWR	1.2:1

**Frequency 4**

Frequency, GHz	12.4 to 18
VSWR	1.25:1

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-65 to +125
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**Size**

Length, in [mm]	0.77 [19.56]
Width/Dia., in [mm]	0.61 [15.49]

**Connector**

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel

**Compliance Certifications** (visit [www.Pasternack.com](http://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 5 Watts Passivated Stainless Steel SMA Female RF Load Up To 18 GHz PE6096](#)

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 5 Watts Passivated Stainless Steel SMA Female RF Load Up To 18 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 5 Watts Passivated Stainless Steel SMA Female RF Load Up To 18 GHz PE6096](http://www.pasternack.com/5-watts-sma-female-rf-load-up-to-18-ghz-pe6096-p.aspx)

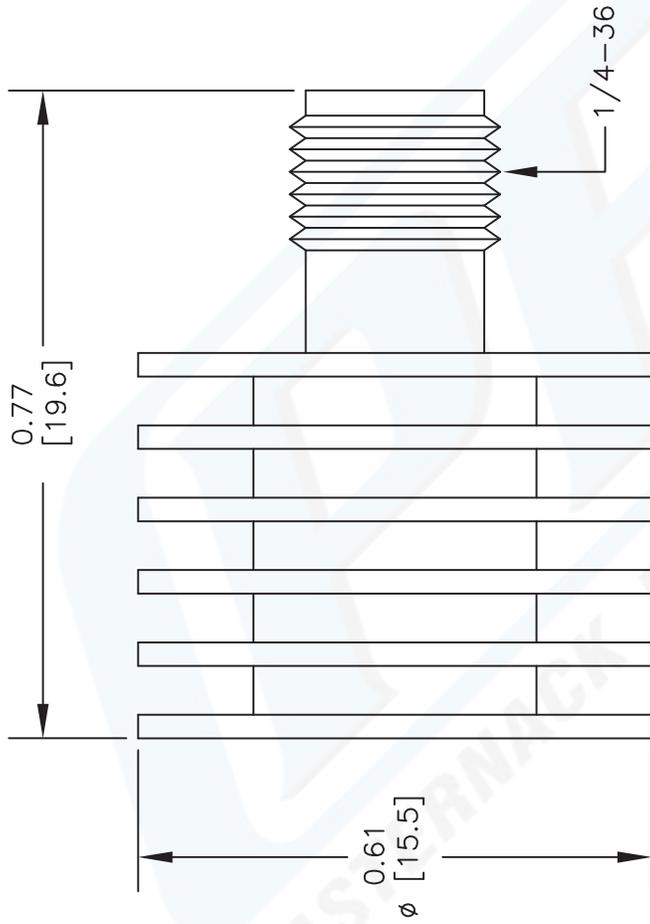
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# PE6096 CAD Drawing

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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

**PE6096**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 091912-A



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