



50 Ohm 2 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 18 GHz

TECHNICAL DATA SHEET

PE6083

50 Ohm 2 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 18 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 18 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.3:1 |
| Maximum Input Power, Watts | 2 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -65 to +125 |
|------------------------|-------------|

Size

| | |
|---------------------|-------------|
| Length, in [mm] | 0.6 [15.24] |
| Width/Dia., in [mm] | 0.28 [7.11] |

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 | PTFE |

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

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 2 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 18 GHz PE6083](#)

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 2 Watts Precision 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.

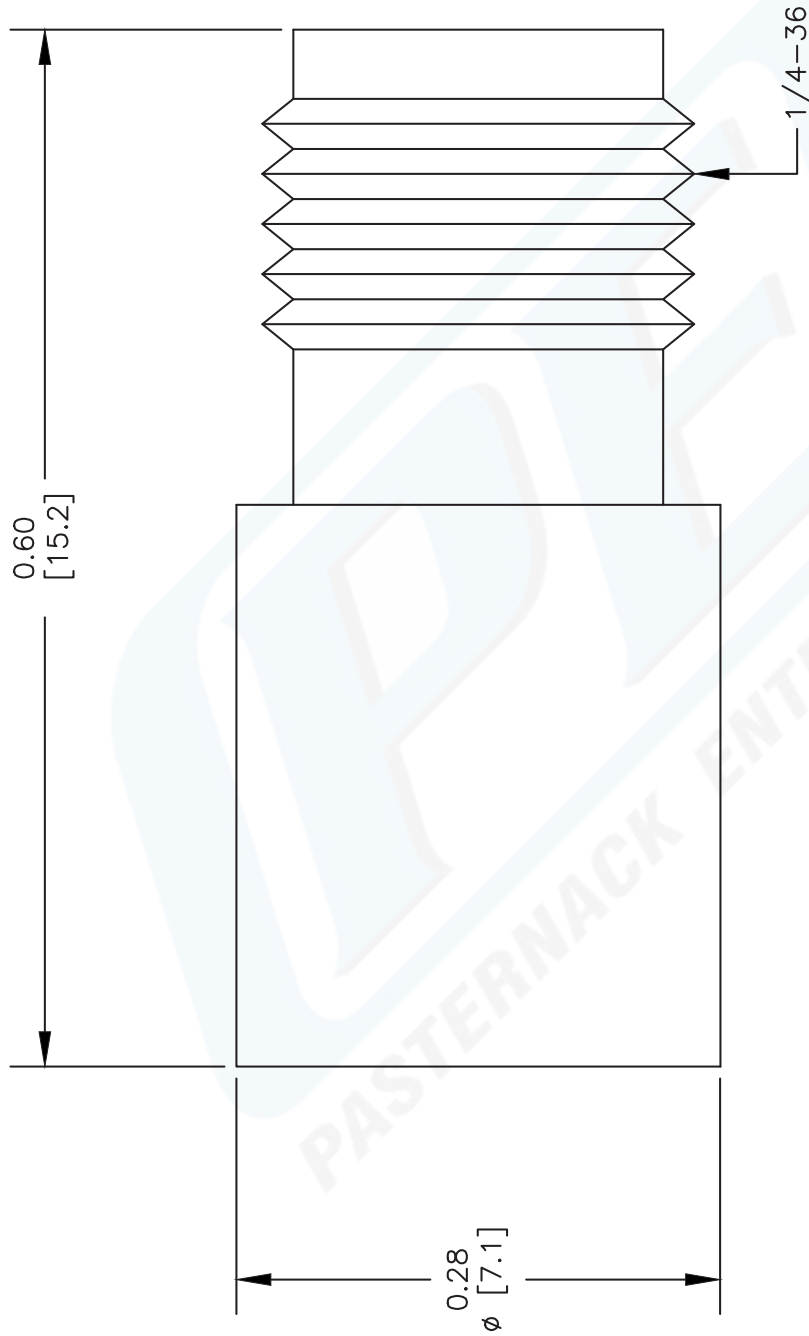
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 2 Watts Precision Passivated Stainless Steel SMA Female RF Load Up To 18 GHz PE6083](http://www.pasternack.com/2-watts-sma-female-rf-load-up-to-18-ghz-precision-pe6083-p.aspx)

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PE6083 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
PE6083

FSCM NO. 53919

CAD FILE 042904

SCALE N/A

SIZE A

127

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