



50 Ohm 10 Watts Aluminum Heatsink SMA
Male RF Load Up To 18 GHz

TECHNICAL DATA SHEET

PE6036

50 Ohm 10 Watts Aluminum Heatsink SMA Male RF Load Up To 18 GHz

Configuration

Connector	SMA Male
Connector Specification	MIL-STD-348
Heat Sink	Aluminum Heatsink, Black Anodized
Connection Method	Standard
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.4:1
Maximum Input Power, Watts	10
Peak Power, Watts	500

Frequency 1

Frequency, GHz	DC to 6
VSWR	1.2:1

Frequency 2

Frequency, GHz	6 to 12.4
VSWR	1.3:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +125
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Size

Length, in [mm]	1.395 [35.43]
Width/Dia., in [mm]	1 [25.4]

Connector

Type	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

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 10 Watts Aluminum Heatsink SMA Male RF Load Up To 18 GHz PE6036](#)

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 10 Watts Aluminum Heatsink SMA Male 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 10 Watts Aluminum Heatsink SMA Male RF Load Up To 18 GHz PE6036](http://www.pasternack.com/10-watts-sma-male-rf-load-up-to-18-ghz-pe6036-p.aspx)

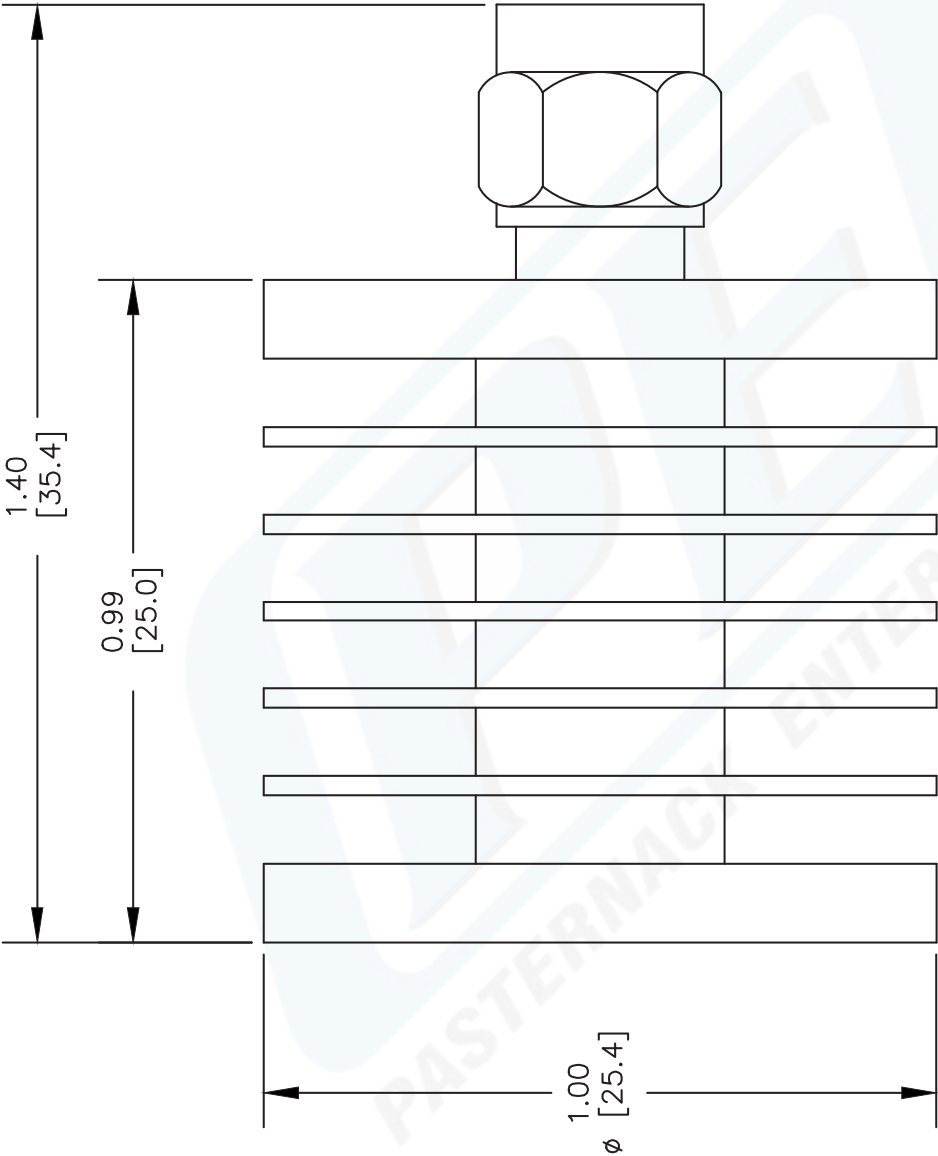
URL: <http://www.pasternack.com/10-watts-sma-male-rf-load-up-to-18-ghz-pe6036-p.aspx>

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PE6036 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
PE6036

REV. A
FSCM NO. 53919

127

SIZE A

SCALE N/A

CAD FILE 022013-A

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