PASTERNACK®
THE ENGINEER'S RF SOURCE



High Power 100 Watts RF Load Up To 4 GHz With N Male Input Square Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET PE6168

Configuration

Connector	N Male
Heat Sink	Black Anodized Aluminum Heatsink
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 4
Impedance, Ohms	50
Maximum VSWR	1.25:1
Maximum Input Power, Watts	100
Peak Power, KWatts	5

Frequency 1

Frequency, GHz	DC to 2
VSWR	1.15:1

Frequency 2

Frequency, GHz	2 to 4
VSWR	1.25:1

Mechanical Specifications

Size

Length, in [mm]	7.13 [181.1]
Width/Dia., in [mm]	4.33 [109.98]
Height, in [mm]	4.06 [103.12]

Connector

Type	N Male
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

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: High Power 100 Watts RF Load Up To 4 GHz With N Male Input Square Body Black Anodized Aluminum Heatsink PE6168

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

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Plotted and Other Data

Notes: Values at 25 °C, sea level

High Power 100 Watts RF Load Up To 4 GHz With N Male Input Square Body Black Anodized Aluminum Heatsink 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: High Power 100 Watts RF Load Up To 4 GHz With N Male Input Square Body Black Anodized Aluminum Heatsink PE6168

URL: http://www.pasternack.com/100-watts-n-male-rf-load-up-to-4-ghz-pe6168-p.aspx

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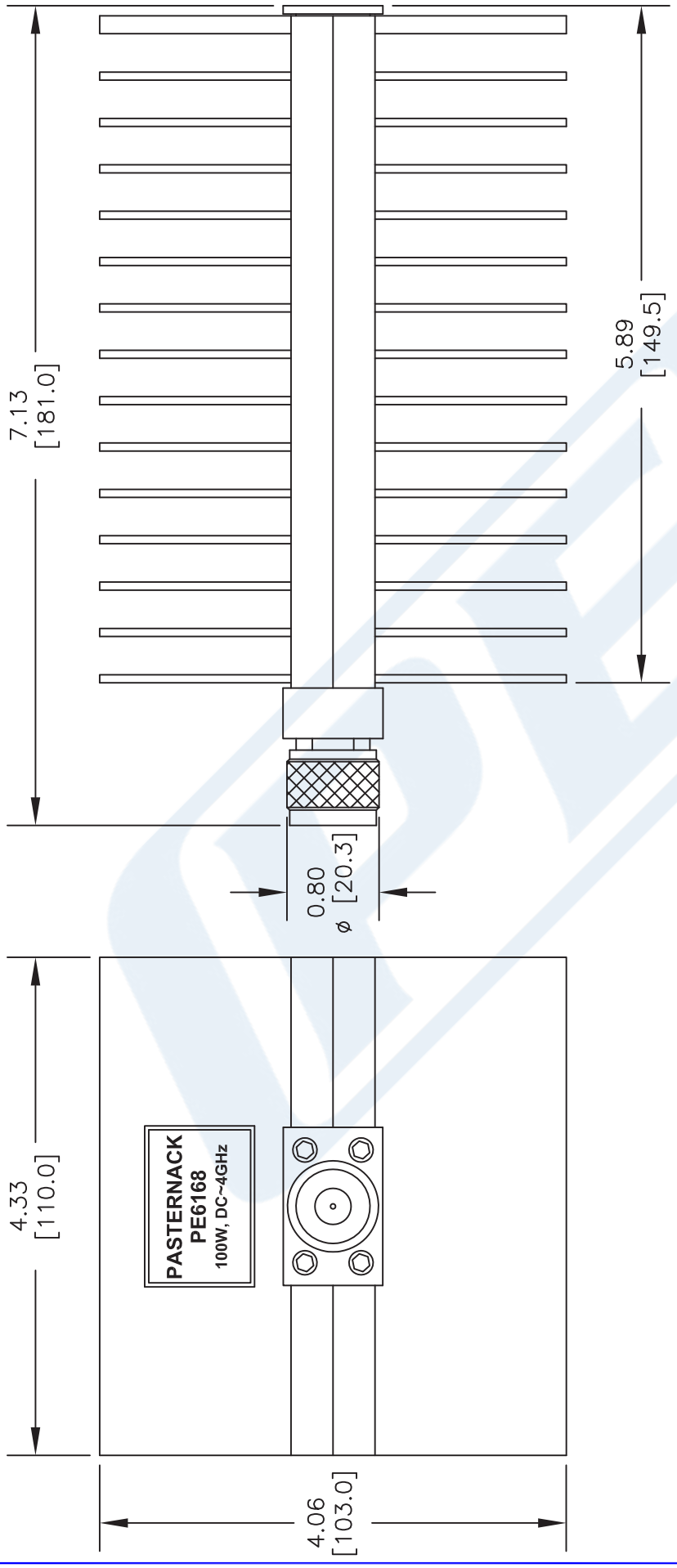
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PE6168 CAD Drawing

High Power 100 Watts RF Load Up To 4 GHz With N Male Input
Square Body Black Anodized Aluminum Heatsink



SPECIFICATIONS

FREQUENCY RANGE: DC TO 4GHz
AVERAGE POWER: 100 WATTS
PEAK POWER: 5 K WATTS, 5µS DURATION
CONNECTOR: 50 OHM N MALE
COOLING: AIR
MAXIMUM VSWR: BELOW 2GHz: 1.15:1
2 TO 4GHz: 1.25:1

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 **PE6168**

REV. C	FSCM NO. 53919	CAD FILE 042412	SCALE N/A	SIZE A	2231

PASTERNACK ENTERPRISES, INC.
P.O BOX 16759, IRVINE, CA 92623
PHONE (949) 261-1920 FAX (949) 261-7451
WEB ADDRESS: www.pasternack.com
E-MAIL ADDRESS: sales@pasternack.com
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