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# 20 dB Fixed Attenuator, N Male To N Female Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 3 GHz

## TECHNICAL DATA SHEET PE7389-20

**20 dB Fixed Attenuator, N Male To N Female Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 3 GHz**

### Configuration

| | |
|---|---|
| Design | Fixed, Bidirectional Attenuator |
| Connector 1 | N Male |
| Connector 2 | N Female |
| Body Material and Plating | Aluminum Heatsink, Black Anodized |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, GHz | DC to 3 |
| Impedance, Ohms | 50 |
| Attenuation Value, dB | 20 |
| Maximum Input Power, Watts | 50 |
| Maximum VSWR | 1.15:1 |

**Frequency 1**

| | |
|---|---|
| Range, GHz | DC to 3 |
| VSWR | 1.15:1 |
| Attenuation Accuracy, dB | ± 0.3 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range, deg C | -55 to +125 |

**Size**

| | |
|---|---|
| Length, in [mm] | 4.409 [111.99] |
| Width, in [mm] | 1.77 [44.96] |
| Weight, lbs [g] | 0.54 [244.94] |

**Connector 1**

| | |
|---|---|
| Type | N Male |
| Contact Material and Plating | Brass, Gold |
| Body Material and Plating | Brass, Nickel |

**Connector 2**

| | |
|---|---|
| Type | N Female |
| Contact Material and Plating | Beryllium Copper, Gold |
| Body Material and Plating | Brass, Nickel |

### 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: 20 dB Fixed Attenuator, N Male To N Female Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 3 GHz PE7389-20

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

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### Plotted and Other Data

Notes: Values at 25 °C, sea level

20 dB Fixed Attenuator, N Male To N Female Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 3 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.

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URL: http://www.pasternack.com/20db-fixed-n-male-n-female-50-watts-attenuator-pe7389-20-p.aspx

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# PE7389-20 CAD Drawing

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| P/N | ATTEN. | FIGURE |
|---|---|---|
| PE7389-10 | 10 dB | 1 |
| PE7389-15 | 15 dB | 1 |
| PE7389-20 | 20 dB | 1 |
| PE7389-30 | 30 dB | 1 |
| PE7389-40 | 40 dB | 1 |

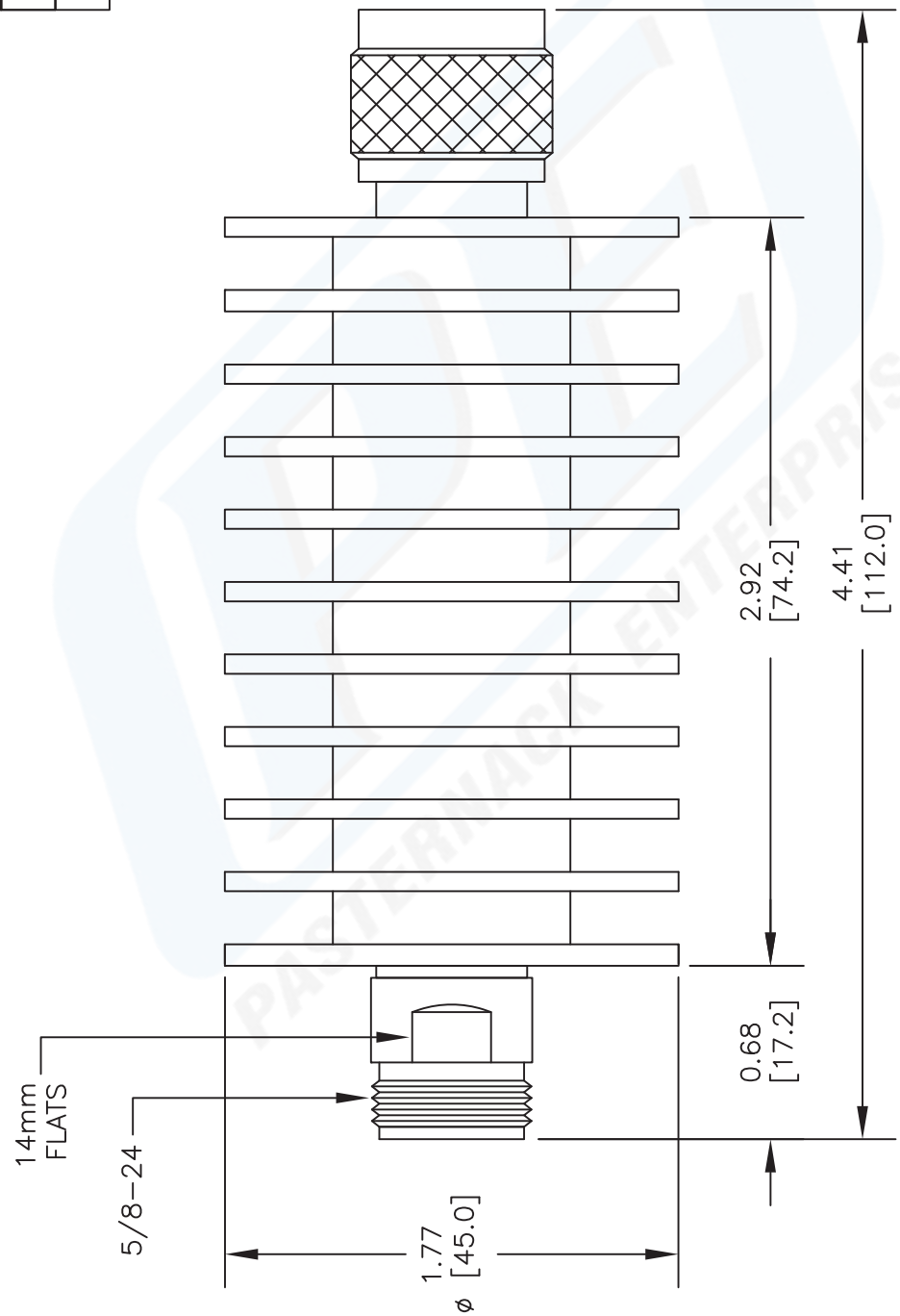



FIGURE 1

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 **PE7389**

CAD FILE 041513 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919


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