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1 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 18 GHz

TECHNICAL DATA SHEET PE7013-1

1 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 18 GHz

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Attenuation Value, dB	1
Maximum Input Power, Watts	5
Maximum VSWR	1.35:1

Frequency 1

Range, GHz	DC to 18
VSWR	1.35:1
Attenuation Accuracy, dB	± 0.3

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +125

Size

Length, in [mm]	1.2 [30.48]
Width, in [mm]	0.61 [15.49]

Connector 1

Type	SMA Male
Connector Specification	MIL-STD-348
Contact Material and Plating	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

Connector 2

Type	SMA Female
Connector Specification	MIL-STD-348
Contact Material and Plating	Gold
Body Material and Plating	Passivated Stainless Steel

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 1 dB Fixed Attenuator, SMA Male To SMA Female Aluminum Heatsink Black Anodized Body Rated To 5 Watts Up To 18 GHz PE7013-1

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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URL: http://www.pasternack.com/1db-fixed-sma-female-sma-male-5-watts-attenuator-pe7013-1-p.aspx

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PE7013-1 CAD Drawing

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Black Anodized Body Rated To 5 Watts Up To 18 GHz

P/N	ATTEN.	FIGURE
PE7013-1	1 dB	1
PE7013-2	2 dB	1
PE7013-3	3 dB	1
PE7013-6	6 dB	1
PE7013-10	10 dB	1
PE7013-20	20 dB	1
PE7013-30	30 dB	1
PE7013-40	40 dB	1

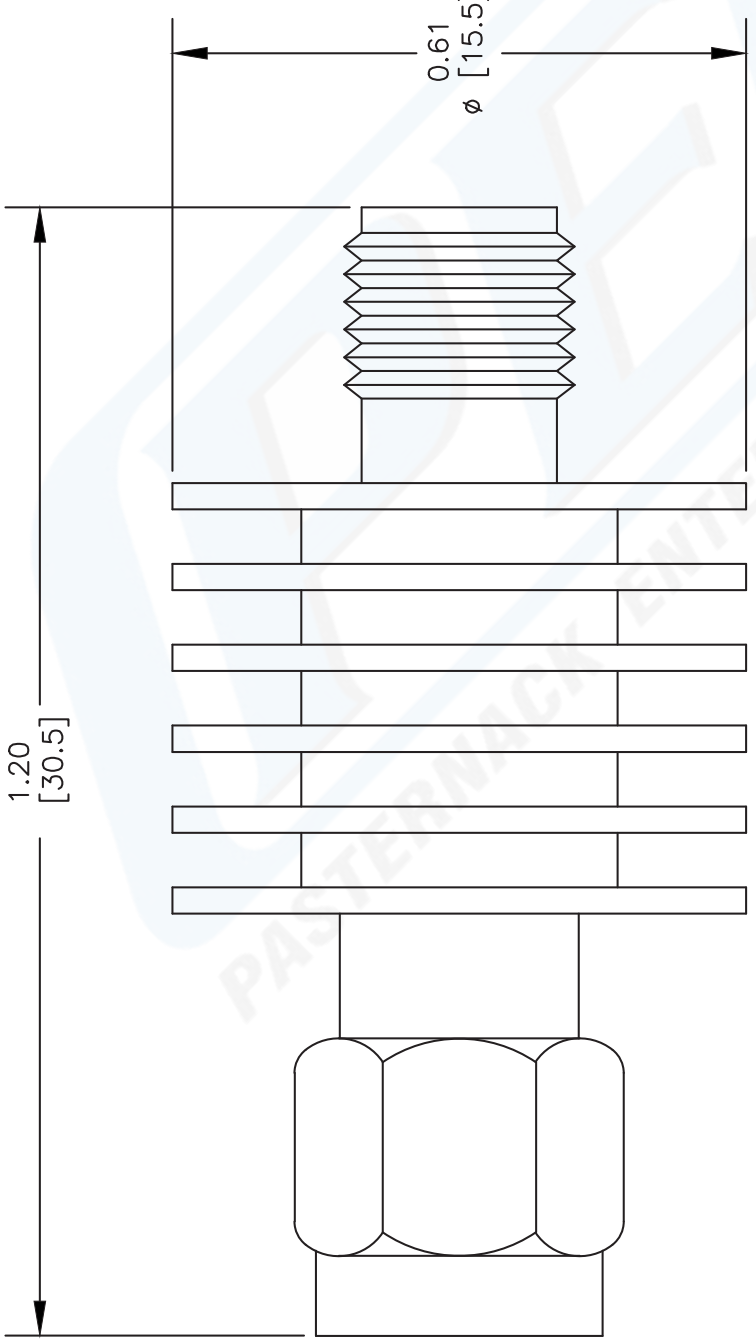


FIGURE 1

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].

CAD FILE	022213	SCALE N/A	SIZE A	2231

DWG TITLE **PE7013**

FSCM NO. 53919

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