



0 to 100 dB Rotary Step Attenuator, BNC Female To BNC  
Female With 10 dB Step Rated To 1 Watt Up To 2 GHz

TECHNICAL DATA SHEET

PE7034-5

- See Notes regarding attenuation accuracy data

**Configuration**

Design	Step, Bidirectional Attenuator
Connector 1	BNC Female
Connector 2	BNC Female
Body Material and Plating	Aluminum

**Electrical Specifications**

Frequency Range, GHz	DC to 2
Impedance, Ohms	50
Attenuation Value, dB	0 to 100
Step Size, dB	10
Step Type	Rotary
Maximum Input Power, Watts	1
Maximum VSWR	1.5:1

**Frequency 1**

Range, MHz	DC to 1,000
VSWR	1.3:1
Attenuation Accuracy, dB	± 1.5

**Frequency 2**

Range, GHz	1 to 2
VSWR	1.5:1
Attenuation Accuracy, dB	± 2

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-20 to +85
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**Size**

Length, in [mm]	4.5 [114.3]
Width, in [mm]	4 [101.6]
Height, in [mm]	4 [101.6]

**Connector 1**

Type	BNC Female
Outer Conductor Material and Plating	Aluminum

**Connector 2**

Type	BNC Female
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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: [0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 2 GHz PE7034-5](#)

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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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)  
REACH Compliant 06/18/2012

**Plotted and Other Data**  
Notes:

Values at 25 °C, sea level  
Attenuation Accuracy is + / - 0.5dB or 3%

0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 2 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: [0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female With 10 dB Step Rated To 1 Watt Up To 2 GHz PE7034-5](http://www.pasternack.com/100db-step-bnc-female-bnc-female-1-watt-attenuator-pe7034-5-p.aspx)

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# PE7034-5 CAD Drawing

0 to 100 dB Rotary Step Attenuator, BNC Female To BNC Female  
With 10 dB Step Rated To 1 Watt Up To 2 GHz

P/N	MAX. ATTEN.	STEP SIZE	LENGTH (L)	DIA. (D)	A	B	FIGURE
PE7034-1	1 dB	.1	2.00" [50.8]	1.50" [38.1]	0.77" [19.6]	0.83" [21.1]	1
PE7034-2	100 dB	10	2.67" [67.8]	1.50" [38.1]	1.44" [36.6]	0.82" [20.8]	1
PE7034-3	10 dB	1	1.83" [46.4]	1.30" [33.0]	0.72" [18.3]	0.63" [15.9]	1
PE7034-4	70 dB	10	2.71" [68.9]	1.30" [33.0]	1.50" [38.1]	0.65" [16.5]	1
PE7034-5	100 dB	10	4.02" [102.0]	1.30" [33.0]	2.39" [60.6]	0.97" [24.6]	1
PE7034-6	1 dB	.1	2.00" [50.8]	1.50" [38.1]	0.77" [19.6]	0.83" [21.1]	1

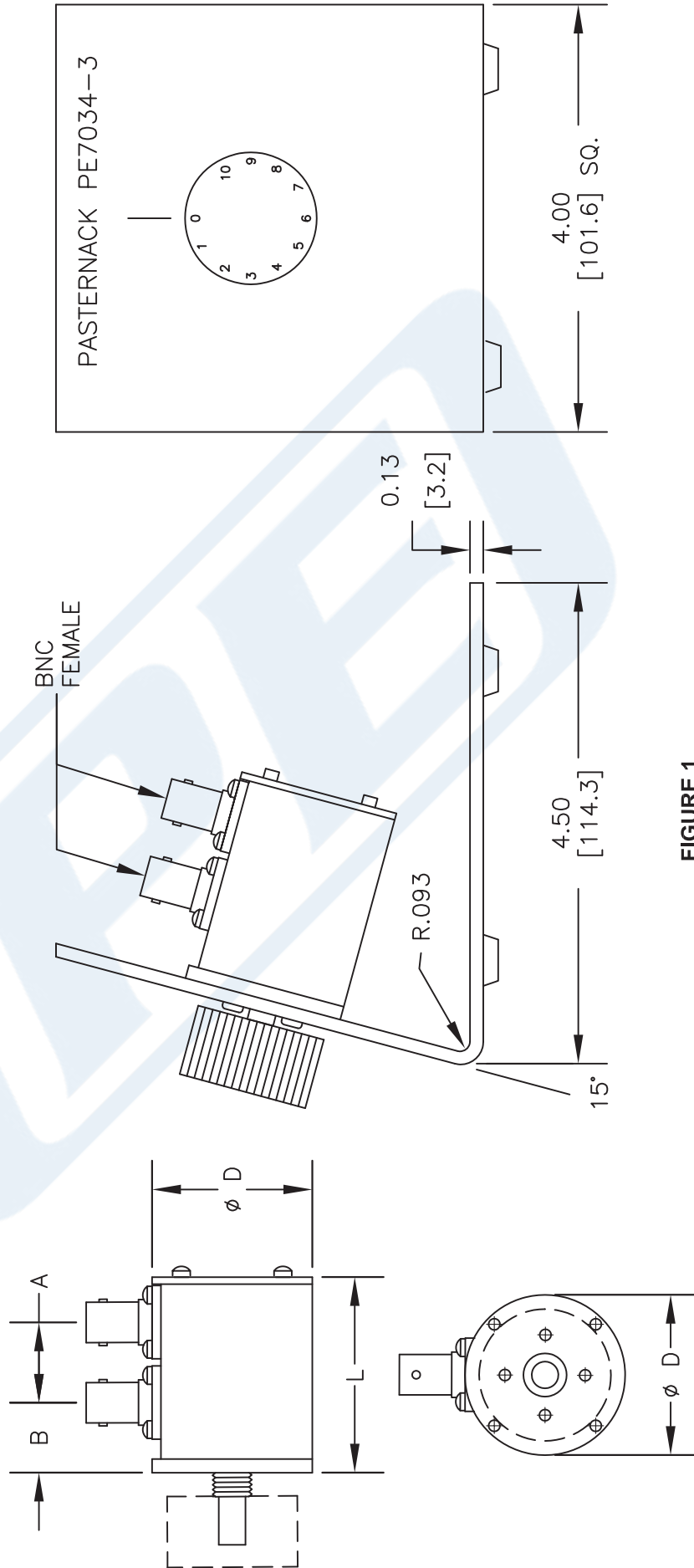


FIGURE 1



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DWG TITLE

**PE7034**

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].

FSCM NO. 53919

CAD FILE 011014

SCALE N/A

SIZE A

2233