



0 to 45.5 dB Push Button Step Attenuator, BNC Female To BNC
Female With 0.5 dB Step Rated To 1 Watt Up To 750 MHz

TECHNICAL DATA SHEET

PE7008-2

Configuration

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

Electrical Specifications * Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		750	MHz
Impedance		50		Ohms
Attenuation Value		0 to 45.5		dB
Step Size		0.5		dB
Step Type		Push Button		
Input Power			1	Watts
Peak Power			100	Watts
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 100	100 to 300	300 to 500	500 to 750		MHz
Insertion Loss			1	1.5		
VSWR	1.1:1	1.25:1	1.25:1	1.4:1		
Attenuation Accuracy	0.2	0.3	0.5	0.75		dB

Mechanical Specifications

Temperature

Operating Range	-40 to +70 deg C
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Size

Length	5.35 in 135.89 mm
Width	1.85 in 46.99 mm
Height	1 in 25.4 mm

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 45.5 dB Push Button Step Attenuator, BNC Female To BNC Female With 0.5 dB Step Rated To 1 Watt Up To 750 MHz PE7008-2](#)



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Connectors

Description	Connector 1	Connector 2
Type	BNC Female	BNC Female

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

Not RoHS Compliant
REACH Compliant

06/18/2012

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

0 to 45.5 dB Push Button Step Attenuator, BNC Female To BNC Female With 0.5 dB Step Rated To 1 Watt Up To 750 MHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

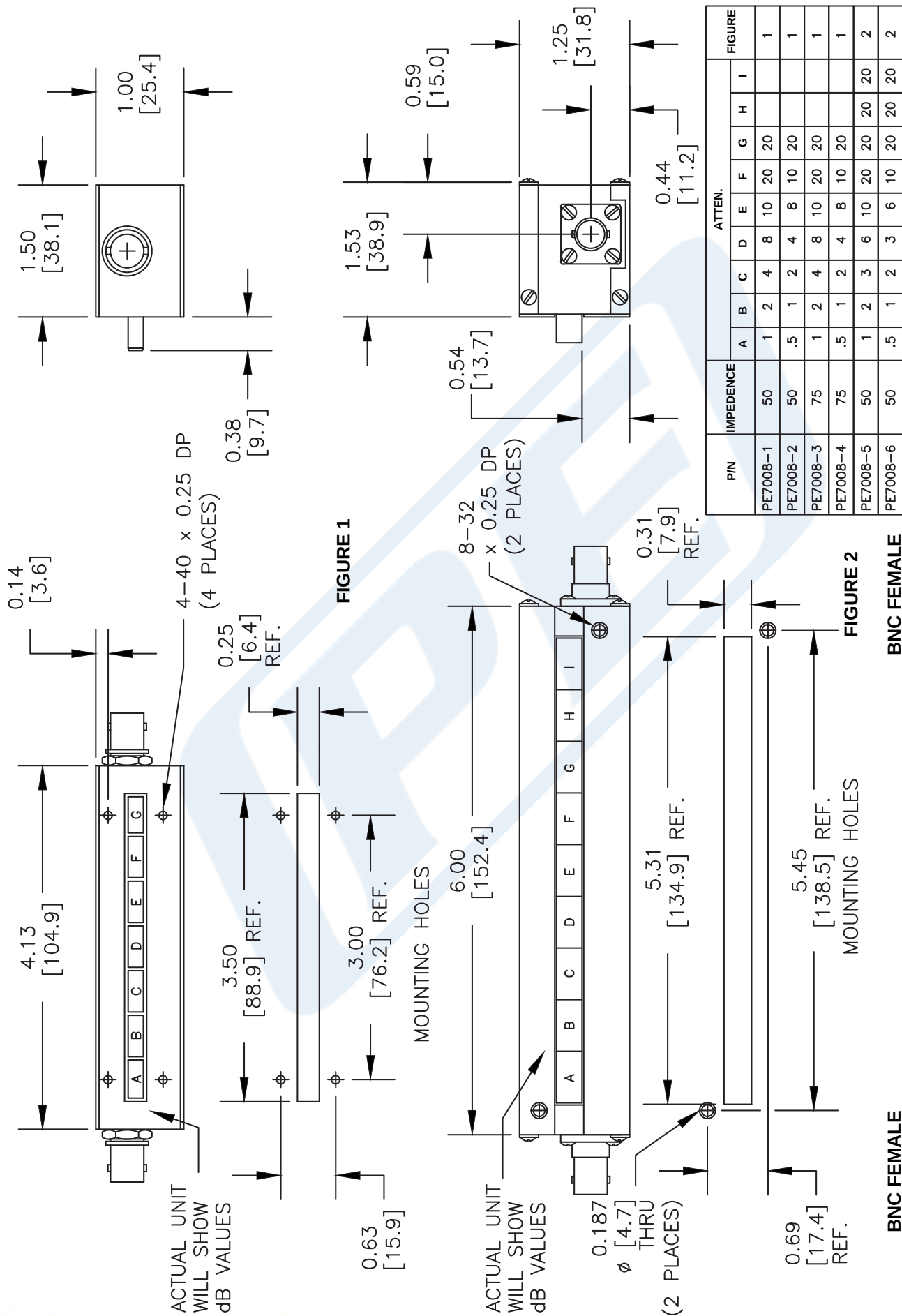
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 45.5 dB Push Button Step Attenuator, BNC Female To BNC Female With 0.5 dB Step Rated To 1 Watt Up To 750 MHz PE7008-2](http://www.pasternack.com/45.5db-step-bnc-female-bnc-female-1-watt-attenuator-pe7008-2-p.aspx)

URL: <http://www.pasternack.com/45.5db-step-bnc-female-bnc-female-1-watt-attenuator-pe7008-2-p.aspx>

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE7008-2 CAD Drawing

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VALUES ABOVE WILL BE PRINTED ON THE BUTTONS

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

PE7008

BNC FEMALE

BNC FEMALE

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FSCM NO. 53919

CAD FILE 022013

SCALE N/A

SIZE A

2231