



0 to 65 dB Push Button Step Attenuator, 75 Ohm  
BNC Female To 75 Ohm BNC Female With 1  
dB Step Rated To 1 Watt Up To 500 MHz

TECHNICAL DATA SHEET

PE7008-3

**0 to 65 dB Push Button Step Attenuator, 75 Ohm BNC Female To 75 Ohm BNC Female With 1 dB Step  
Rated To 1 Watt Up To 500 MHz**

**Configuration**

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

**Electrical Specifications**

Frequency Range, MHz	DC to 500
Impedance, Ohms	75
Attenuation Value, dB	0 to 65
Step Size, dB	1
Step Type	Push Button
Maximum Input Power, Watts	1
Maximum Insertion Loss, dB	1.2
Maximum VSWR	1.3:1

**Frequency 1**

Range, MHz	DC to 100
VSWR	1.1:1
Attenuation Accuracy, dB	± 0.3

**Frequency 2**

Range, MHz	100 to 300
VSWR	1.2:1
Attenuation Accuracy, dB	± 0.5

**Frequency 3**

Range, MHz	300 to 500
VSWR	1.3:1
Attenuation Accuracy, dB	± 0.8

**Mechanical Specifications**

**Temperature**

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

Length, in [mm]	5.35 [135.89]
Width, in [mm]	1.85 [46.99]
Height, in [mm]	1 [25.4]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 65 dB Push Button Step Attenuator, 75 Ohm BNC Female To 75 Ohm BNC Female With 1 dB Step Rated To 1 Watt Up To 500 MHz PE7008-3](#)

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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**Connector 1**

Type

BNC Female

**Connector 2**

Type

BNC Female

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

0 to 65 dB Push Button Step Attenuator, 75 Ohm BNC Female To 75 Ohm BNC Female With 1 dB Step Rated To 1 Watt Up To 500 MHz 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.

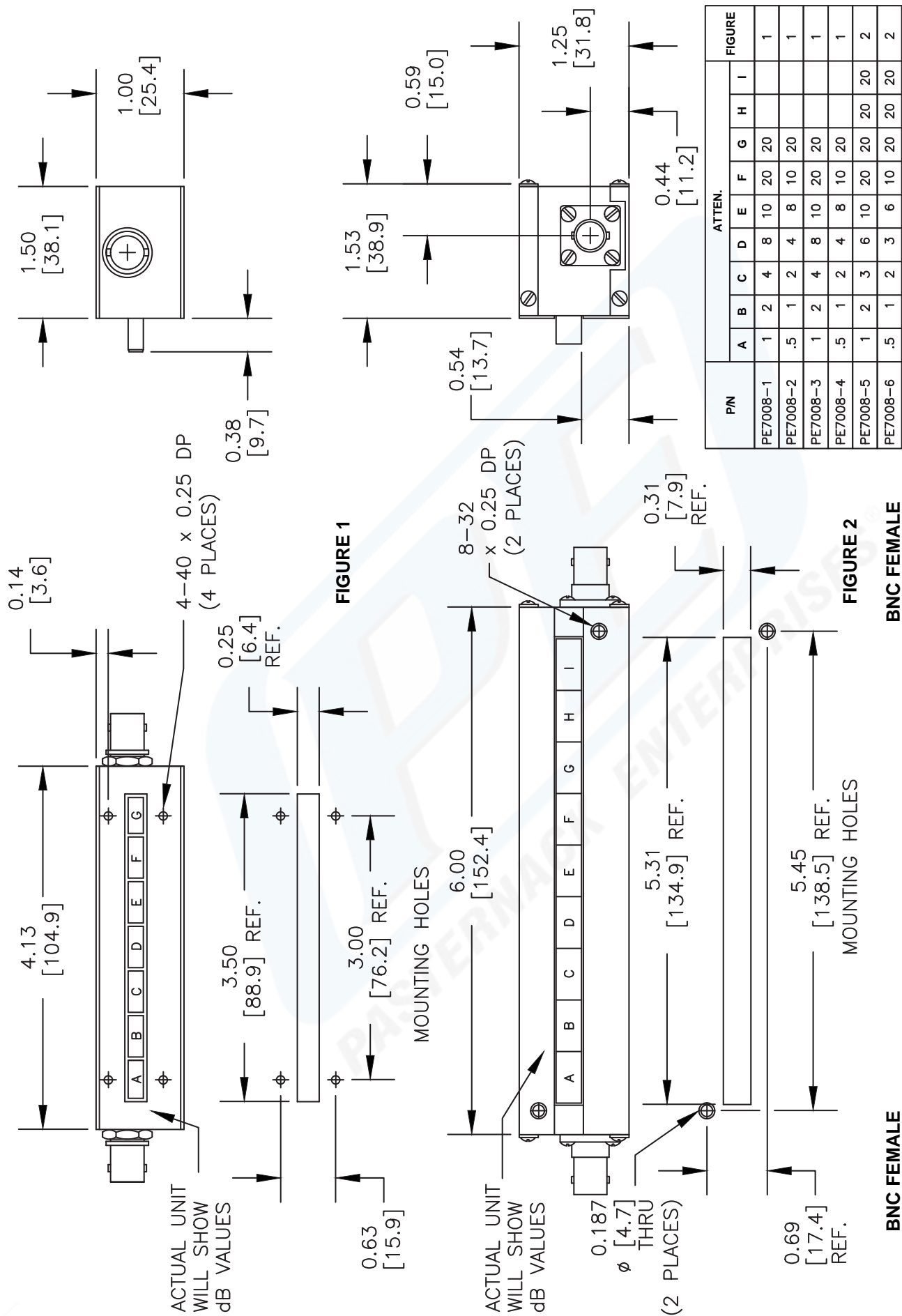
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [0 to 65 dB Push Button Step Attenuator, 75 Ohm BNC Female To 75 Ohm BNC Female With 1 dB Step Rated To 1 Watt Up To 500 MHz PE7008-3](http://www.pasternack.com/45.5db-step-bnc-female-bnc-female-3-watts-attenuator-pe7008-3-p.aspx)

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# PE7008-3 CAD Drawing

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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**

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SCALE N/A

SIZE A

2231