



9 dB Fixed Attenuator, SMA Male To SMA Female Brass  
 Body Rated To 2 Watts From 0.009 MHz To 6 GHz

## RF Fixed Attenuators Technical Data Sheet

PE70A1013

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	9KHz		6	GHz
Impedance		50		Ohms
Nominal Attenuation		9		dB
Attenuation Accuracy			±0.5	dB
Flatness		±0.5		dB
Return Loss		-23	-20	dB
Input Power, CW			2	Watts

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	9KHz to 3	3 to 6				GHz
Return Loss, Typ	-23	-23				dB
Return Loss, Max	-20	-20				dB
Attenuation Accuracy, Max	±0.3	±0.5				dB
Flatness, Typ	±0.3	±0.5				dB
Flatness, Max	±0.6	±1				dB

### Mechanical Specifications

#### Size

Length	1.216 in [30.89 mm]
Width/Diameter	0.366 in [9.3 mm]
Height	0.366 in [9.3 mm]
Weight	0.0189 lbs [8.57 g]
Body Material and Plating	Brass

#### Configuration

Design	Fixed
Package Style	Connerctorized

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [9 dB Fixed Attenuator, SMA Male To SMA Female Brass Body Rated To 2 Watts From 0.009 MHz To 6 GHz PE70A1013](#)



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**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female

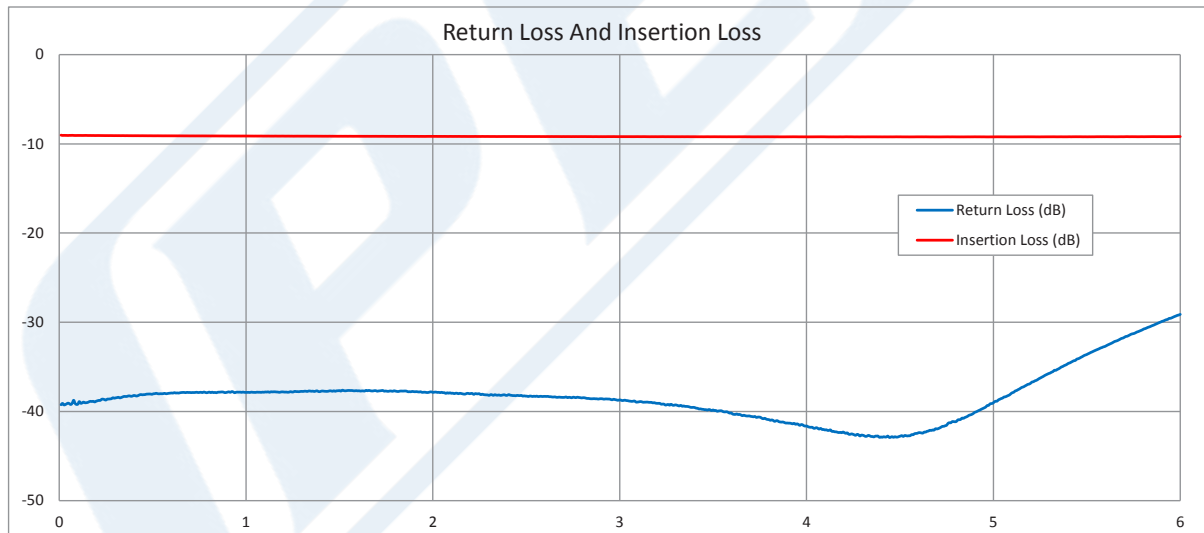
**Environmental Specifications**

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**



9 dB Fixed Attenuator, SMA Male To SMA Female Brass Body Rated To 2 Watts From 0.009 MHz To 6 GHz 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.

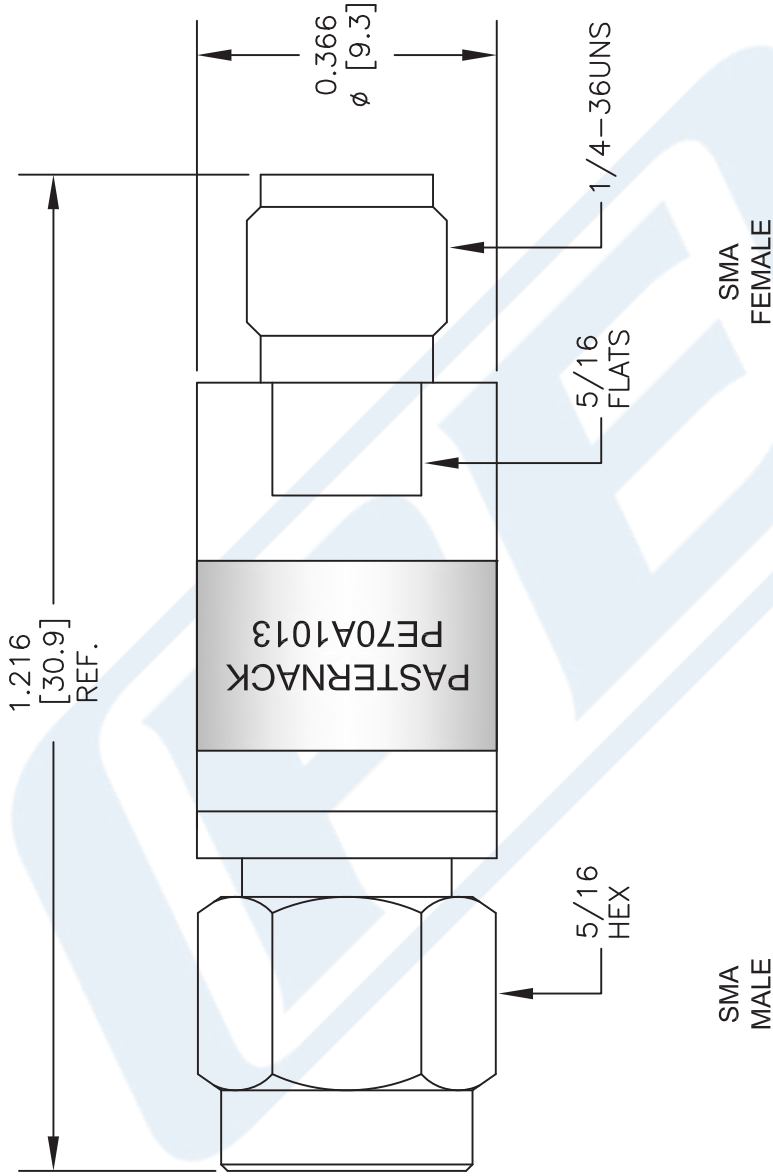
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# PE70A1013 CAD Drawing

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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  
**PE70A1013**

FSCM NO. 53919

CAD FILE 092915

SCALE N/A

SIZE A

2233

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