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10 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female Directional Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 7.5 GHz

TECHNICAL DATA SHEET PE7042-10

10 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female Directional Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 7.5 GHz

Configuration

Design	Fixed, Directional Attenuator
Connector 1	7/16 DIN Male
Connector 2	7/16 DIN Female
Body Material and Plating	Aluminum Heatsink, Black Anodized

Electrical Specifications

Frequency Range, GHz	DC to 7.5
Impedance, Ohms	50
Attenuation Value, dB	10
Maximum Input Power, Watts	50
Maximum VSWR	1.45:1

Frequency 1

Range, GHz	DC to 7.5
Attenuation Accuracy, dB	± 1

Mechanical Specifications

Size

Length, in [mm]	5.55 [140.97]
Width, in [mm]	3.5 [88.9]
Height, in [mm]	2.65 [67.31]

Connector 1

Type	7/16 DIN Male
Hex Size, in.	1 1/4
Torque, ft-lbs [Nm]	18.417 [24.97]

Connector 2

Type	7/16 DIN Female

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

RoHS Compliant	Yes

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 10 dB Fixed Attenuator, 7/16 DIN Male To 7/16 DIN Female Directional Aluminum Heatsink Black Anodized Body Rated To 50 Watts Up To 7.5 GHz PE7042-10

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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Plotted and Other Data

Notes: Values at 25 °C, sea level

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URL: http://www.pasternack.com/10db-fixed-7-16-male-7-16-female-50-watts-attenuator-pe7042-10-p.aspx

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PE7042-10 CAD Drawing

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P/N	ATTEN.	FIGURE
PE7042-6	6 dB	1
PE7042-10	10 dB	1
PE7042-20	20 dB	1
PE7042-30	30 dB	1
PE7042-40	40 dB	1

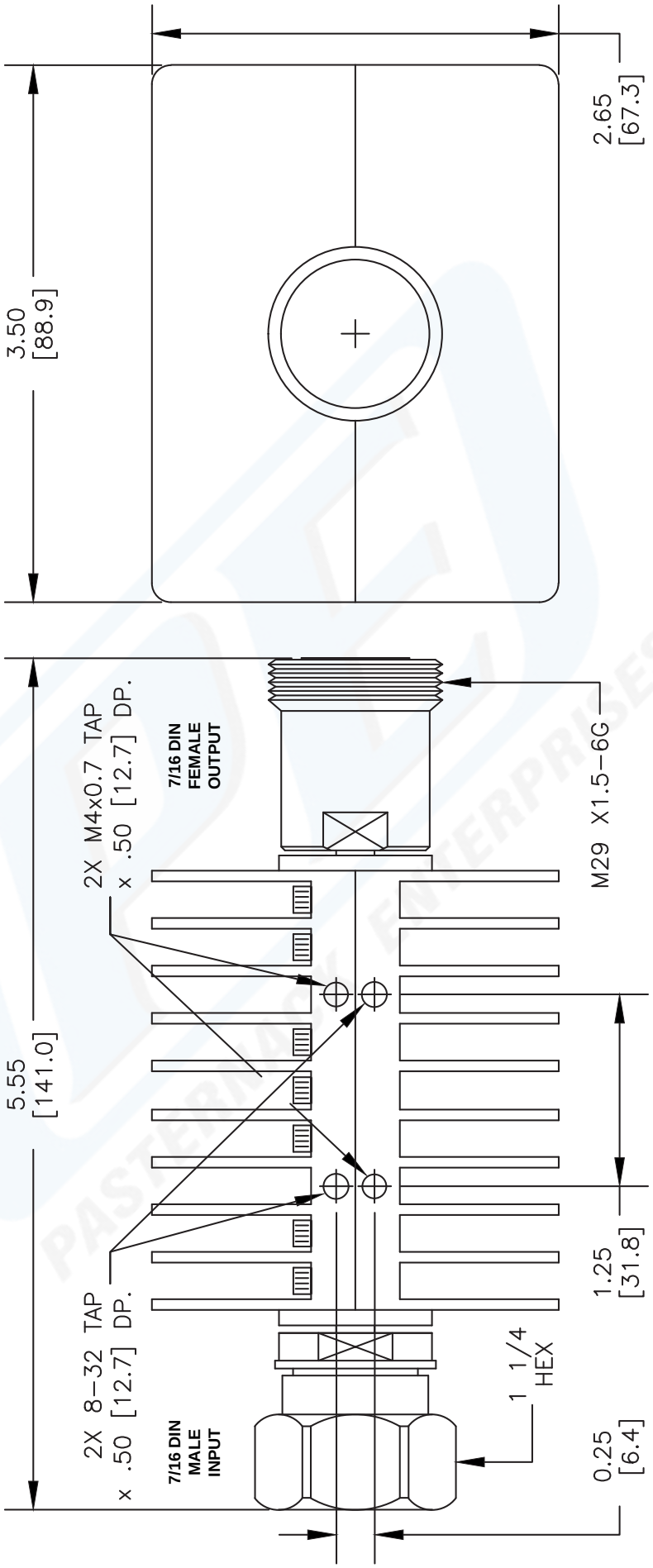


FIGURE 1

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].

DWG TITLE **PE7042**

FSCM NO. 53919

CAD FILE 020113 | SCALE N/A | SIZE A | 2231

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