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Dual Directional 20 dB SMA Coupler From 500 MHz to 1,000 MHz Rated To 50 Watts

TECHNICAL DATA SHEET PE2217-20

Dual Directional 20 dB SMA Coupler From 500 MHz to 1,000 MHz Rated To 50 Watts

Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Connector 3	SMA Female
Design	Dual Directional Coupler

Electrical Specifications

Frequency Range, MHz	500 to 1,000
Directivity, dB	22
Impedance, Ohms	50
Maximum Insertion Loss, dB	0.5
Maximum Input Power, Watts	50
Maximum Input VSWR	1.15:1
Maximum Secondary Line VSWR	1.1:1
Peak Power, KWatts	3
Coupling Value, dB	20
Coupling Tolerance, dB	± 1.25
Frequency Sensitivity, dB	0.8

Mechanical Specifications

Size

Length, in [mm]	7.05 [179.07]
Width, in [mm]	0.38 [9.65]
Height, in [mm]	1 [25.4]

Connector 1

Type	SMA Female

Connector 2

Type	SMA Female

Connector 3

Type	SMA Female

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Dual Directional 20 dB SMA Coupler From 500 MHz to 1,000 MHz Rated To 50 Watts PE2217-20

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

Dual Directional 20 dB SMA Coupler From 500 MHz to 1,000 MHz Rated To 50 Watts 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.

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URL: http://www.pasternack.com/dual-directional-20-db-sma-coupler-500-1000-mhz-10-watts-pe2217-20-p.aspx

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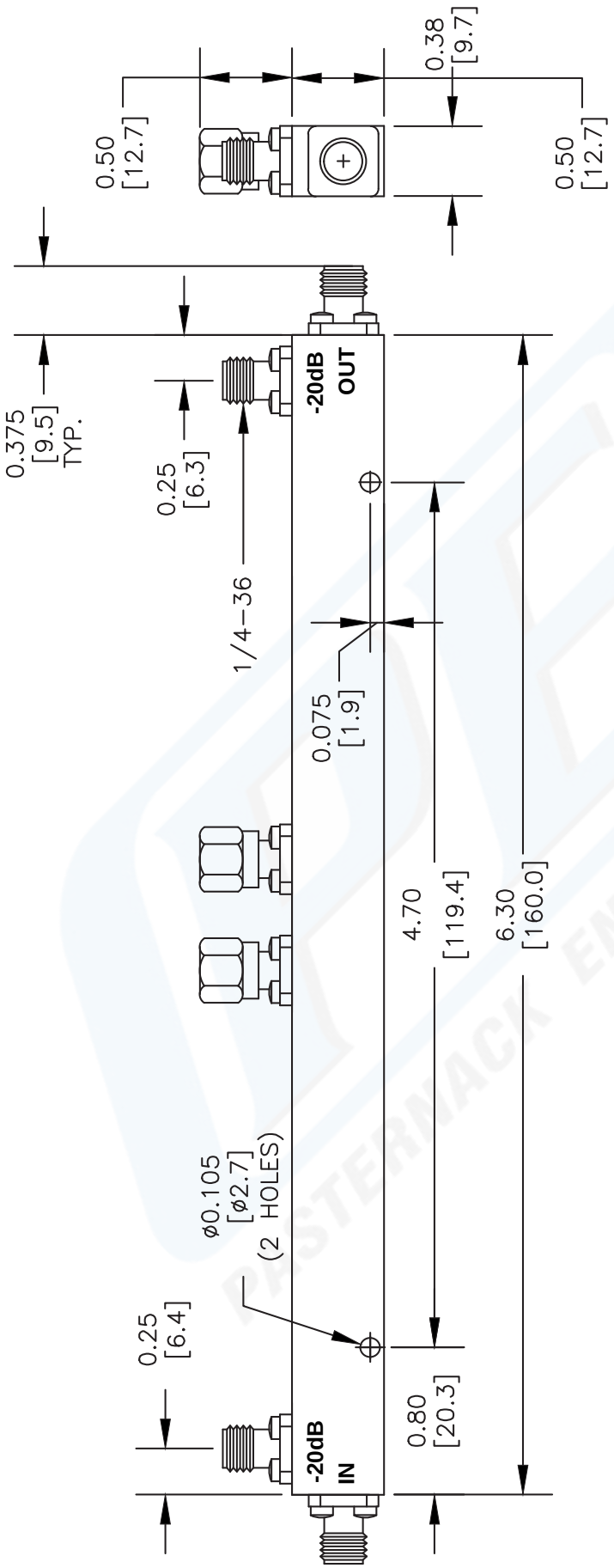
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PE2217-20 CAD Drawing

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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].

CAD FILE	092908	SCALE N/A	SIZE A	XXXX

DWG TITLE: **PE2217-20**

FSCM NO. 53919

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