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50 Ohm 2 Way 2.92mm Power Divider From 10 GHz to 40 GHz Rated at 10 Watts



TECHNICAL DATA SHEET PE2078

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Configuration

Input Connector	2.92mm Female
Output Connectors	2.92mm Female
Frequency Range, GHz	10 to 40
Number of Output Ports	2
Housing Material and Plating	Aluminum

Electrical Specifications

Frequency Range, GHz	10 to 40
Impedance, Ohms	50
Maximum Insertion Loss, dB	2
Maximum Input Power, Watts	10
Maximum Input VSWR	1.6:1
Maximum Output VSWR	1.7:1
Minimum Isolation, dB	15
Phase Balance, Degrees	± 6
Flatness, dB	0.6

Mechanical Specifications

Temperature

Operating Range, deg C	-54 to +125

Size

Length, in [mm]	1.75 [44.45]
Width, in [mm]	1 [25.4]
Height, in [mm]	0.37 [9.4]

Input Connector

Contact Material and Plating	Beryllium Copper, Gold
Connector Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

Output Connectors

Contact Material and Plating	Beryllium Copper, Gold
Connector Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

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: 50 Ohm 2 Way 2.92mm Power Divider From 10 GHz to 40 GHz Rated at 10 Watts PE2078

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

50 Ohm 2 Way 2.92mm Power Divider From 10 GHz to 40 GHz Rated at 10 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/2-way-2.92mm-power-divider-10-40-ghz-10-watts-pe2078-p.aspx

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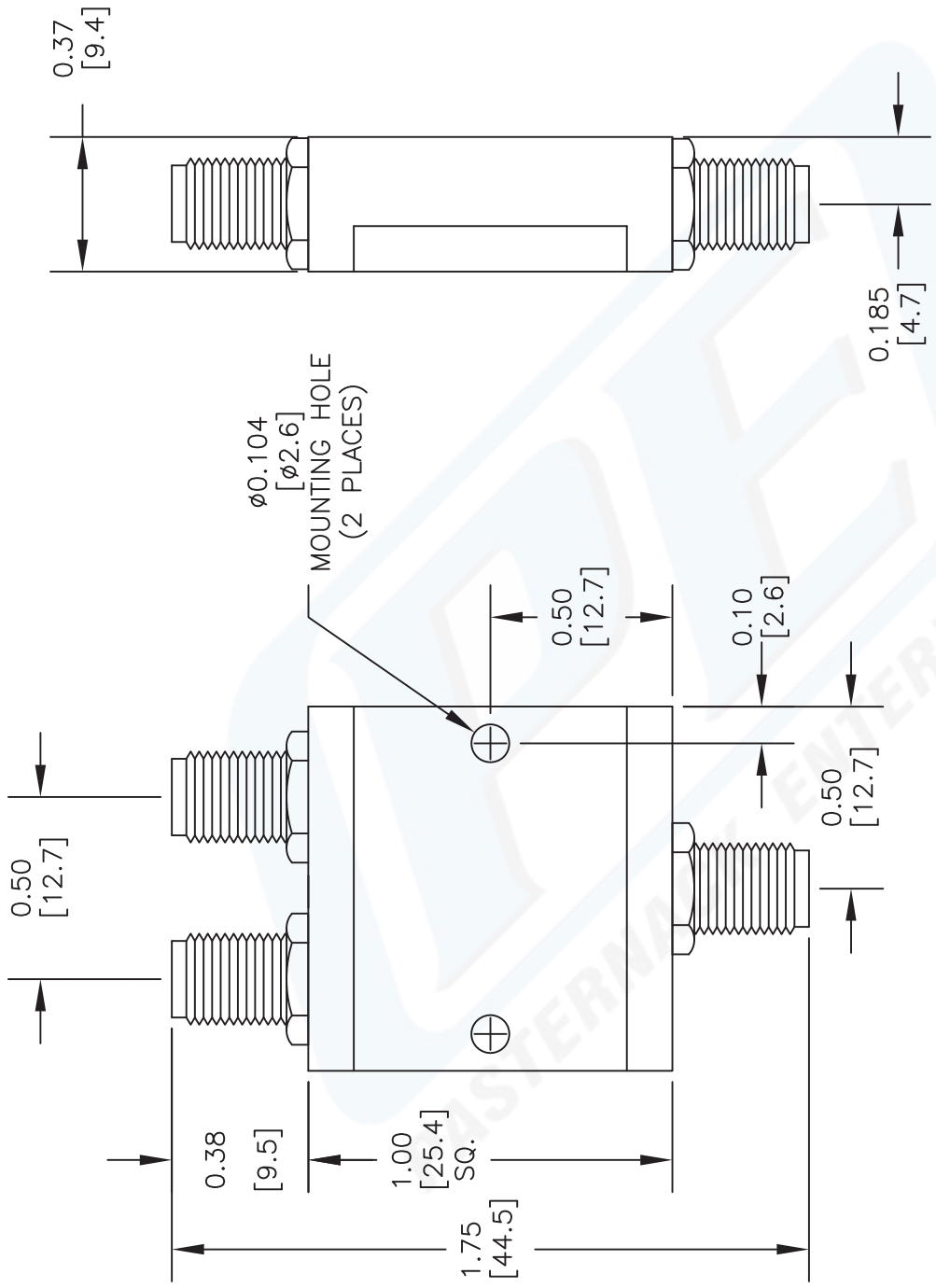
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PE2078 CAD Drawing

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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	061013	SCALE N/A	SIZE A	2233

DWG TITLE **PE2078**

FSCM NO. 53919

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