



50 Ohm N Circulator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation

Circulators Technical Data Sheet

PE8411

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2		4	GHz
Impedance		50		Ohms
Insertion Loss			0.6	dB
Isolation	18			dB
VSWR			1.3:1	
Forward Power, CW			10	Watts
Reverse Power, CW			10	Watts

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size

Length	3.08 in [78.23 mm]
Width	2.34 in [59.44 mm]
Height	0.75 in [19.05 mm]

Configuration

Design	Circulator
Connector 1	N Female
Connector 2	N Female
Connector 3	N Female

Environmental Specifications

Temperature

Operating Range	0 to +50 deg C
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
REACH Compliant	06/20/2011

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm N Circulator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation PE8411](#)



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50 Ohm N Circulator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation 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.

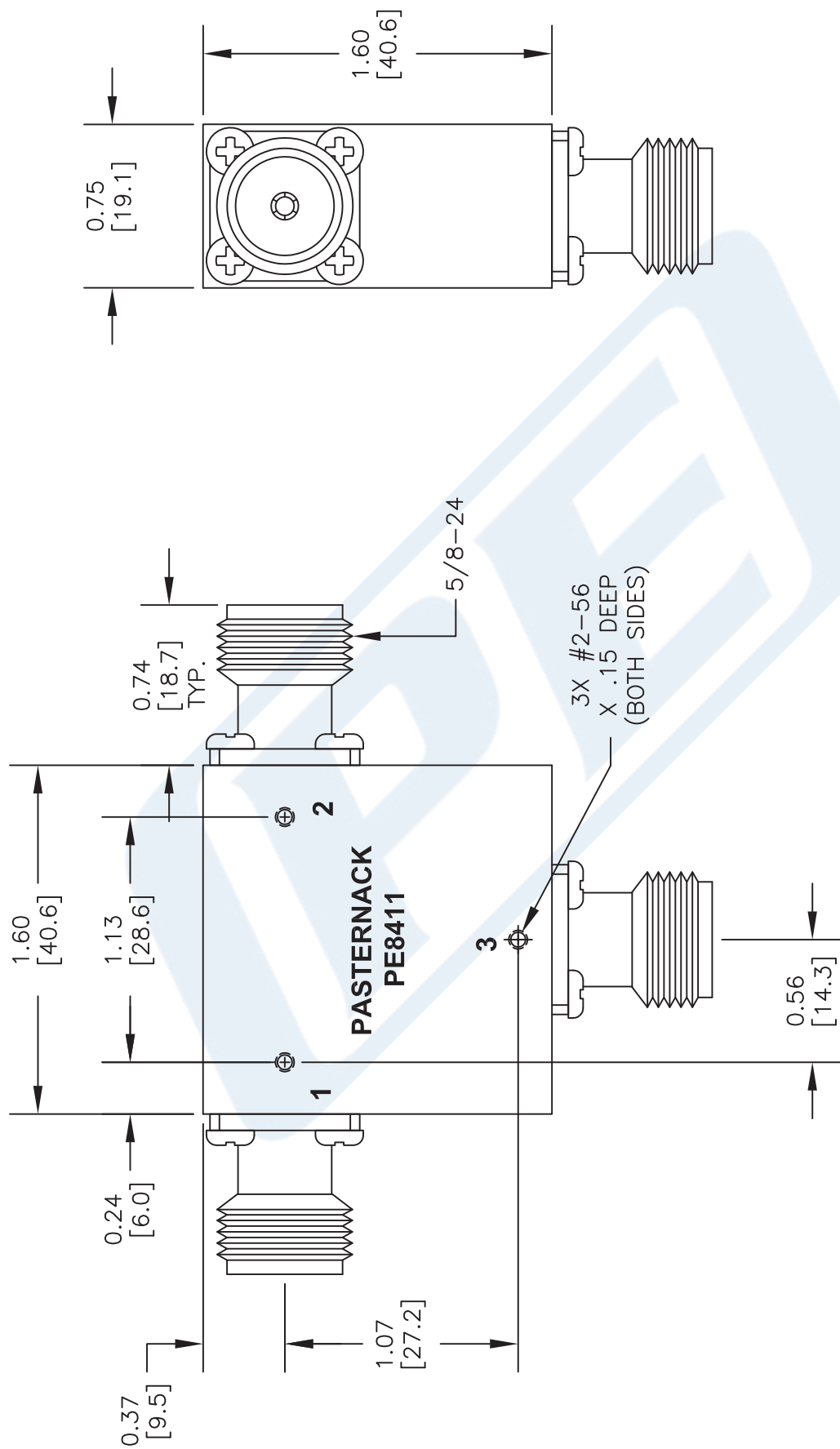
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm N Circulator Operating From 2 GHz to 4 GHz And 10 Watts With 18 dB Isolation PE8411](http://www.pasternack.com/50-ohm-n-circulator-2000-mhz-4000-mhz-10-watts-18-db-pe8411-p.aspx)

URL: <http://www.pasternack.com/50-ohm-n-circulator-2000-mhz-4000-mhz-10-watts-18-db-pe8411-p.aspx>

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE8411 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
PE8411

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FSCM NO. 53919

CAD FILE 011712

SCALE N/A

SIZE A

2233