



Isolator With 14 dB Isolation From 2 GHz to 6 GHz, 25 Watts And SMA Female

Isolators Technical Data Sheet

PE8327

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2		6	GHz
Impedance		50		Ohms
Insertion Loss			0.8	dB
Isolation	14			dB
VSWR			1.5:1	
Forward Power, CW			20	Watts
Forward Power, Peak			30	Watts
Reverse Power, CW			2	Watts

Mechanical Specifications

Size

Length	1.58 in [40.13 mm]
Width	1.62 in [41.15 mm]
Height	0.7 in [17.78 mm]
Weight	0.208 lbs [94.35 g]

Configuration

Design	Single Junction
Package Style	Connectorized
Connector 1	SMA Female
Connector 2	SMA Female

Environmental Specifications

Temperature

Operating Range	0 to +50 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Isolator With 14 dB Isolation From 2 GHz to 6 GHz, 25 Watts And SMA Female PE8327](#)



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Isolator With 14 dB Isolation From 2 GHz to 6 GHz, 25 Watts And SMA Female from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [Isolator With 14 dB Isolation From 2 GHz to 6 GHz, 25 Watts And SMA Female PE8327](https://www.pasternack.com/50-ohm-sma-isolator-2-6-ghz-25-watts-14-db-pe8327-p.aspx)

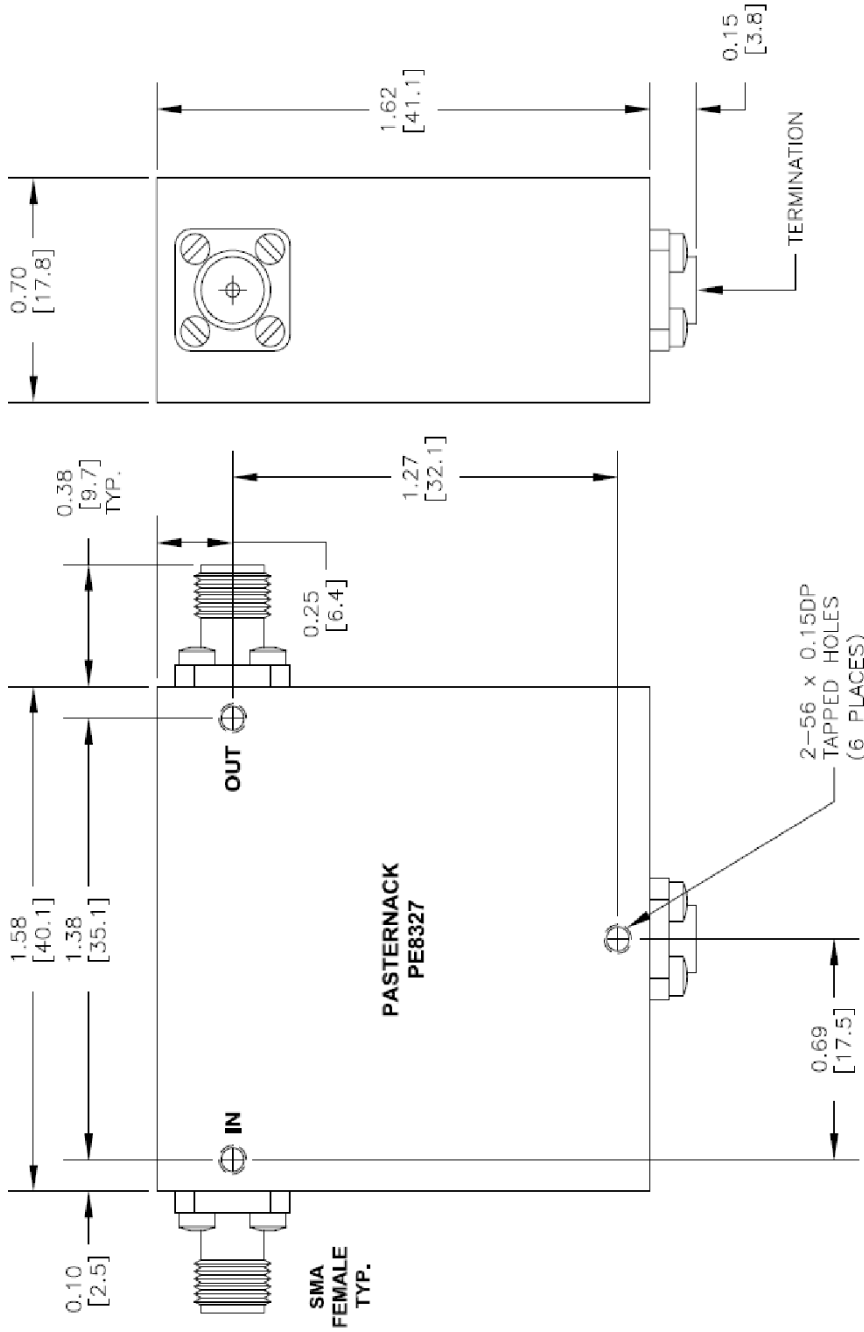
URL: <https://www.pasternack.com/50-ohm-sma-isolator-2-6-ghz-25-watts-14-db-pe8327-p.aspx>

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.

PE8327 CAD Drawing

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REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	11/22/2021
		APPROVED T. GALLA



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] | FRACTIONS ± 1/32
 .XX = ±.02 [51] | ANGLES ± 1°
 .XXX = ±.005 [13] |

CABLE LENGTH (L), TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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 an INFINITE® brand

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SIZE [CAGE CODE] DRAWN BY [ITEM NO.]
 A 53919 K.DANG PE8327

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A