



Adjustable Phase Shifter, DC to 8.2 GHz, with an Adjustable Phase of 60 Deg. Per GHz and SMA

Phase Shifters and Trimmers Technical Data Sheet

PE8245

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8.2	GHz
Impedance		50		Ohms
Phase Adjustment	0		60	Deg/GHz
Input VSWR			1.5:1	
Output VSWR			1.5:1	
Insertion Loss			0.6	dB
Insertion Phase		320		Degrees
Group Delay			170	ps
Input Power, CW			100	Watts
Input Power, Peak			3	kWatts

Electrical Specification Notes:
Insertion Phase min. setting @ 1.0 GHz

Mechanical Specifications

Size

Length	5.5 in [139.7 mm]
Width/Diameter	2 in [50.8 mm]
Height	1 in [25.4 mm]
Weight	1.0738 lbs [487.07 g]
Finish	GY
Body Material and Plating	Aluminum

Configuration

Package Style	Connectorized
Input Connector	SMA Female
Output Connector	SMA Female

Environmental Specifications

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: [Adjustable Phase Shifter, DC to 8.2 GHz, with an Adjustable Phase of 60 Deg. Per GHz and SMA PE8245](#)



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Adjustable Phase Shifter, DC to 8.2 GHz, with an Adjustable Phase of 60 Deg. Per GHz and SMA 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.

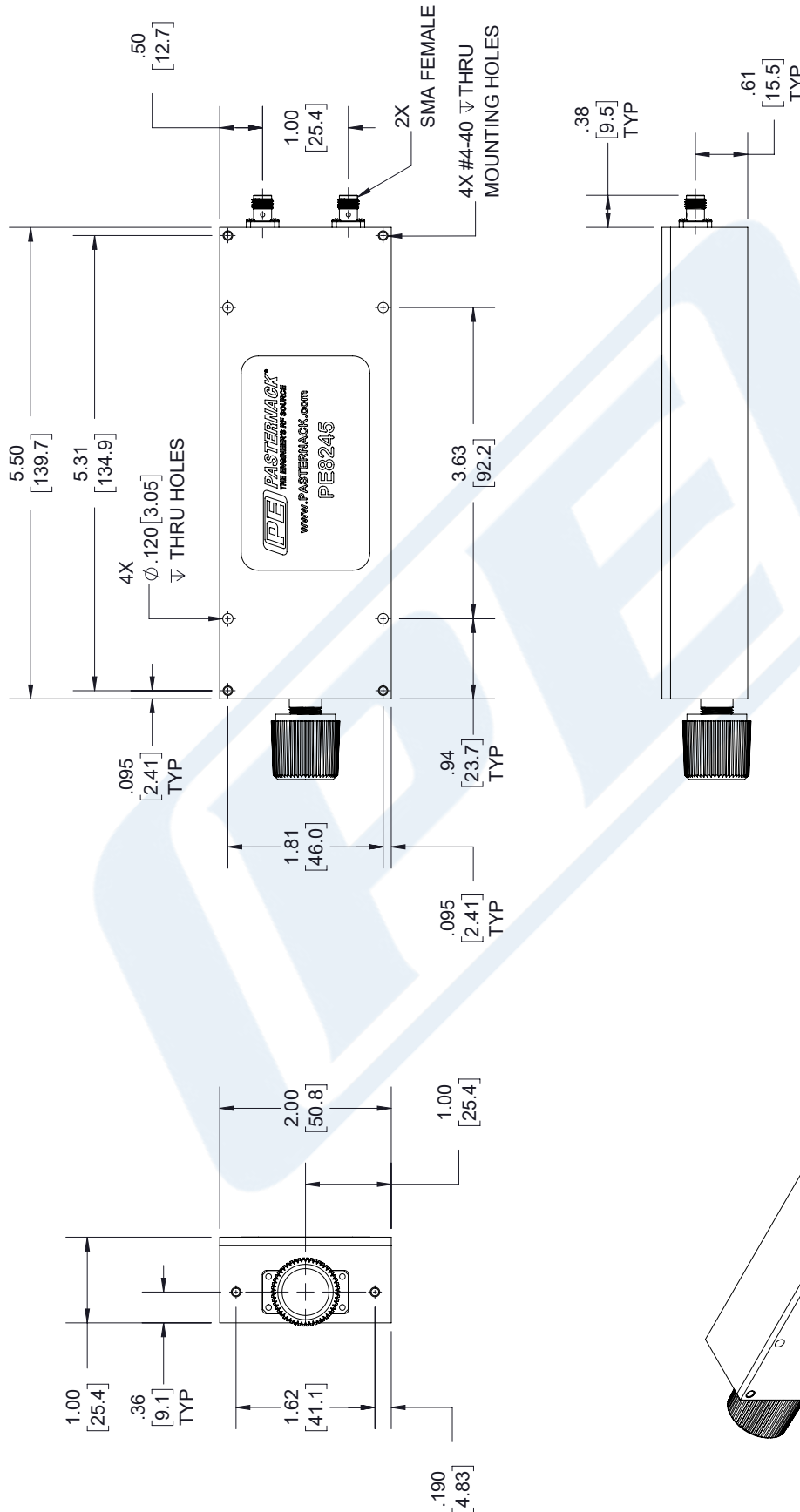
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Adjustable Phase Shifter, DC to 8.2 GHz, with an Adjustable Phase of 60 Deg. Per GHz and SMA PE8245](https://www.pasternack.com/adjustable-phase-shifter-8-ghz-sma-60-deg-per-ghz-pe8245-p.aspx)

URL: <https://www.pasternack.com/adjustable-phase-shifter-8-ghz-sma-60-deg-per-ghz-pe8245-p.aspx>

PE8245 CAD Drawing

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.2	PCR PE8245 20190222	03/13/19	J.GARCIA



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

TOLERANCES:
X±.2 [5.08]
XX±.01 [25]
.XXX±.005 [13]

FRACTIONS
±.132
ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SCALE N/A

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SIZE A CAGE DRAWN BY PART NUMBER
53919 KDANG PE8245
REV A

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