



Adjustable Phase Shifter, DC to 2.3 GHz, With an Adjustable Phase of 60 Deg. Per GHz and SMA

Phase Shifters and Trimmers Technical Data Sheet

PE8243

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------------|---------|---------|---------|---------|
| Frequency Range | DC | | 2.3 | GHz |
| Impedance | | 50 | | Ohms |
| Phase Adjustment | 0 | | 60 | Deg/GHz |
| Input VSWR | | | 1.5:1 | |
| Output VSWR | | | 1.5:1 | |
| Insertion Loss | | | 0.5 | 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 | 6.9 in [175.26 mm] |
| Width/Diameter | 2 in [50.8 mm] |
| Height | 1 in [25.4 mm] |
| Weight | 1.0675 lbs [484.21 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 2.3 GHz, With an Adjustable Phase of 60 Deg. Per GHz and SMA PE8243](#)



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Adjustable Phase Shifter, DC to 2.3 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.

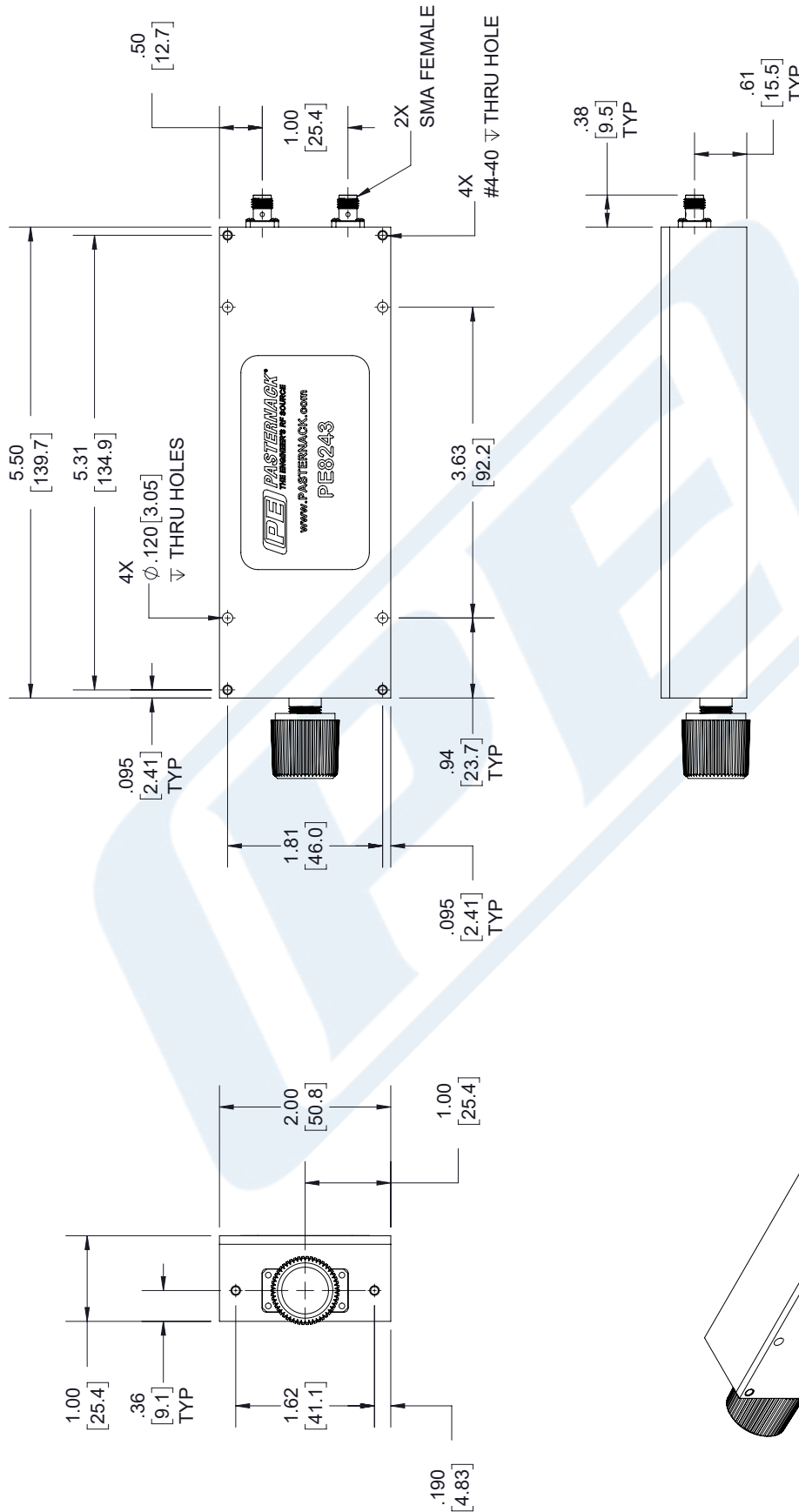
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Adjustable Phase Shifter, DC to 2.3 GHz, With an Adjustable Phase of 60 Deg. Per GHz and SMA PE8243](https://www.pasternack.com/adjustable-phase-shifter-2-ghz-sma-60-deg-per-ghz-pe8243-p.aspx)

URL: <https://www.pasternack.com/adjustable-phase-shifter-2-ghz-sma-60-deg-per-ghz-pe8243-p.aspx>

PE8243 CAD Drawing

Adjustable Phase Shifter, DC to 2.3 GHz, With an Adjustable Phase of 60 Deg. Per GHz and SMA

| REVISIONS | | | |
|-----------|---------------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| B | PCR PE8243 20190208 | 02/19/19 | 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

PE PASTERNAK
an INFINITO brand

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SIZE [CAGE] DRAWN BY PART NUMBER
A 53919 KDANG PE8243

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SHEET 1 OF 1
SCALE N/A

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