



50 Ohm SMA To SMA Phase Shifter Operating From 18 GHz to 26.5 GHz With an Adjustable Phase of 30.00 Deg. Per GHz

TECHNICAL DATA SHEET

PE8253

50 Ohm SMA To SMA Phase Shifter Operating From 18 GHz to 26.5 GHz With an Adjustable Phase of 30.00 Deg. Per GHz

Configuration

Design	Phase Shifter
Phase Adjustment, deg/GHz	30
Connector 1	SMA Female
Impedance 1	50 Ohms
Connector 2	SMA Female
Impedance 2	50 Ohms

Electrical Specifications

Frequency Range, GHz	18 to 26.5
Maximum VSWR	1.8:1
Maximum Insertion Loss, dB	1.5
Group Delay, ps	670
Maximum Input Power, Watts	20

Mechanical Specifications

Size	
Length, in [mm]	5.16 [131.06]
Width/Dia., in [mm]	2 [50.8]
Height, in [mm]	1 [25.4]
Color	Blue
Connector 1	
Type	SMA Female
Body Material and Plating	Stainless Steel
Connector 2	
Type	SMA Female
Body Material and Plating	Stainless Steel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA To SMA Phase Shifter Operating From 18 GHz to 26.5 GHz With an Adjustable Phase of 30.00 Deg. Per GHz PE8253](#)

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.



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Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Optimized from 0° to 360°, Minimum Phase Range: 0° to 500°

50 Ohm SMA To SMA Phase Shifter Operating From 18 GHz to 26.5 GHz With an Adjustable Phase of 30.00 Deg. Per GHz 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.

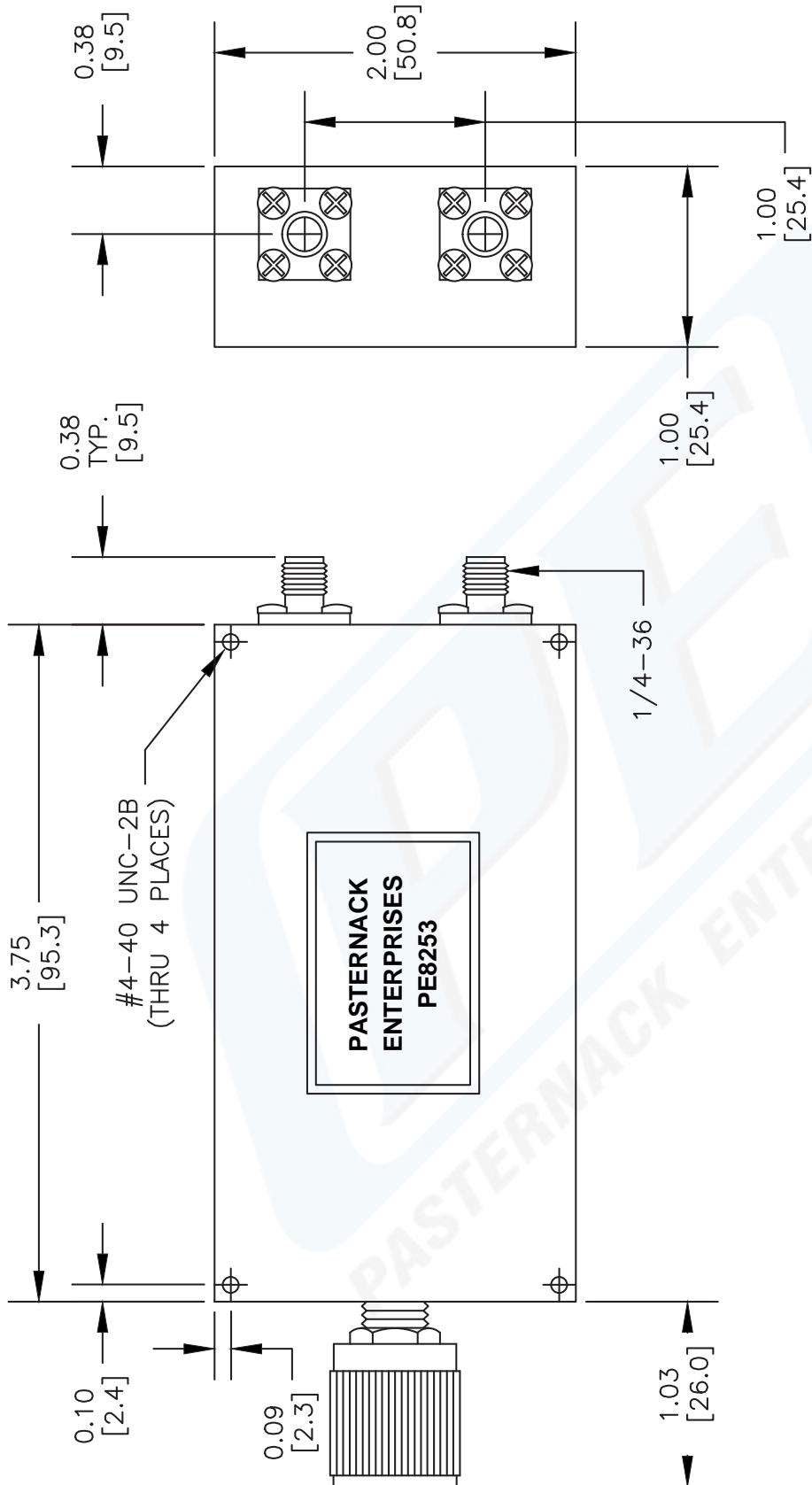
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA To SMA Phase Shifter Operating From 18 GHz to 26.5 GHz With an Adjustable Phase of 30.00 Deg. Per GHz PE8253](http://www.pasternack.com/sma-female-sma-female-18-26.5-ghz-pe8253-p.aspx)

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PE8253 CAD Drawing

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DWG TITLE

PE8253

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].

REV. -

FSCM NO. 53919

CAD FILE 012012

SCALE N/A

SIZE A

2233

PE PASTERNAK®

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