



Adjustable Phase Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 Deg. Per GHz and SMA

Phase Shifters and Trimmers Technical Data Sheet

PE8203

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
Phase Adjustment		10		Deg/GHz
Input VSWR			1.5:1	
Insertion Loss			3.4	dB

Electrical Specification Notes:
 190° phase shift max at 18 GHz
 Insertion loss = $0.8 \cdot \sqrt{F_GHz}$ dB

Mechanical Specifications

Size

Length	2.146 in [54.51 mm]
Width/Diameter	0.49 in [12.45 mm]
Weight	0.0616 lbs [27.94 g]
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380

Configuration

Package Style	Connectorized
Input Connector	SMA Male
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 Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 Deg. Per GHz and SMA PE8203](#)



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Adjustable Phase Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 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.

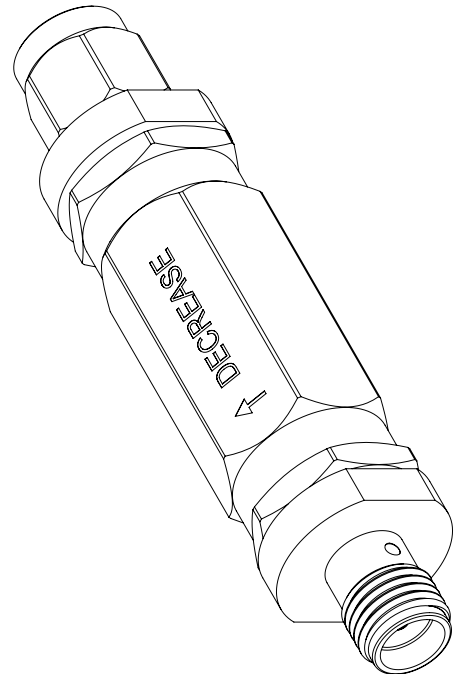
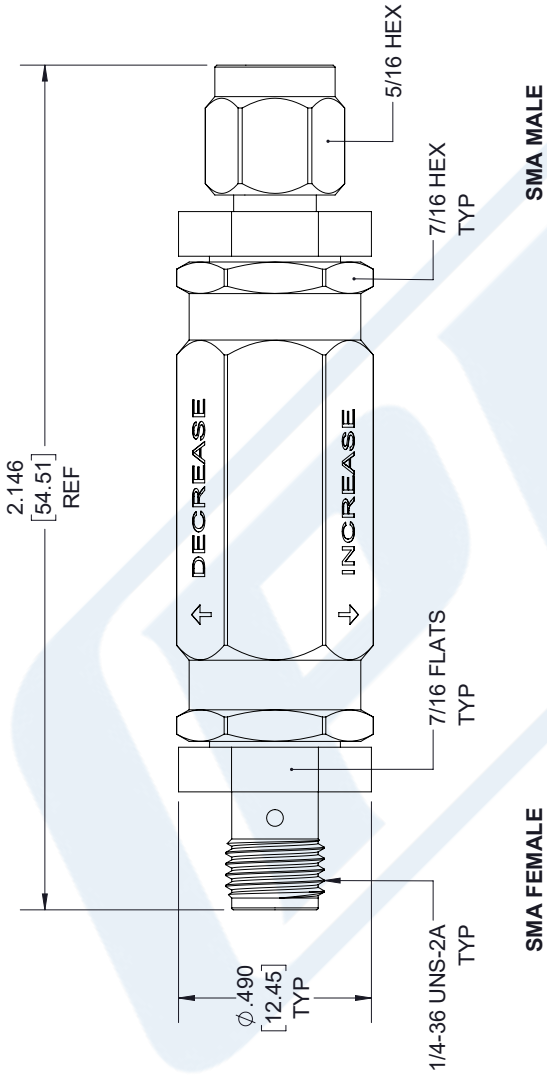
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Adjustable Phase Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 Deg. Per GHz and SMA PE8203](https://www.pasternack.com/adjustable-phase-trimmer-18-ghz-sma-10-deg-per-ghz-pe8203-p.aspx)

URL: <https://www.pasternack.com/adjustable-phase-trimmer-18-ghz-sma-10-deg-per-ghz-pe8203-p.aspx>

PE8203 CAD Drawing

Adjustable Phase Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 Deg. Per GHz and SMA

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.3	PCR PE8203 20190612	06/14/19	S.ELLIS



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

TOLERANCES:
X \pm 2 [5.08] FRACTIONS
.XX \pm .01 [.25] \pm 132
.XXX \pm .005 [.13] ANGLES \pm 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1
SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	PE8203	1.3

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