



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

**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 0.061 lbs [27.67 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 Volt and SMA PE8203](#)



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## Phase Shifters and Trimmers Technical Data Sheet

PE8203

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

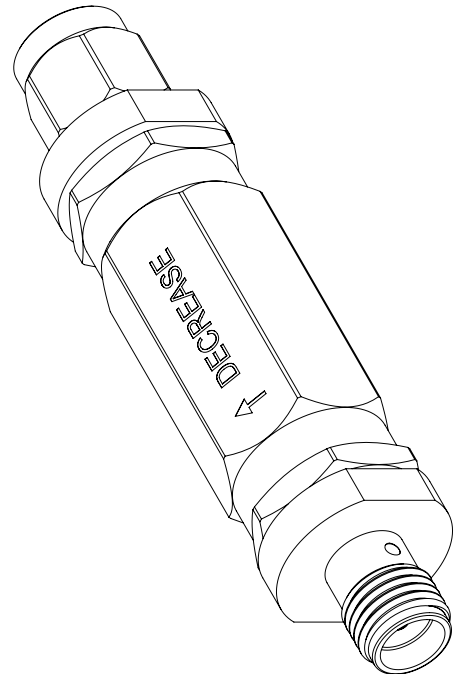
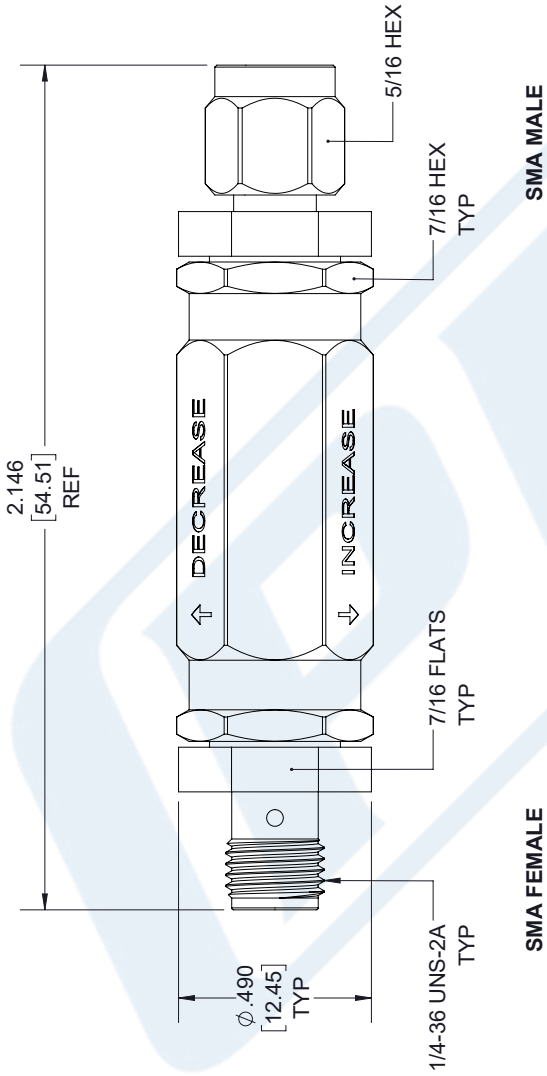
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Adjustable Phase Trimmer, DC to 18 GHz, with an Adjustable Phase of 10 Deg. Per Volt and SMA PE8203](https://www.pasternack.com/adjustable-phase-trimmer-18-ghz-sma-10-deg-per-ghz-pe8203-p.aspx)

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  
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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±± 2 [5.08] FRACTIONS  
.XX±± .01 [ .25] ±132  
.XXX±± .005 [ .13] ANGLES ± 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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