

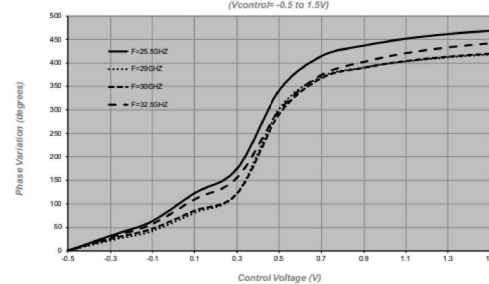
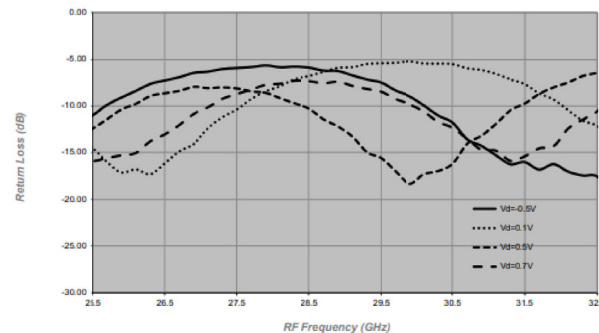
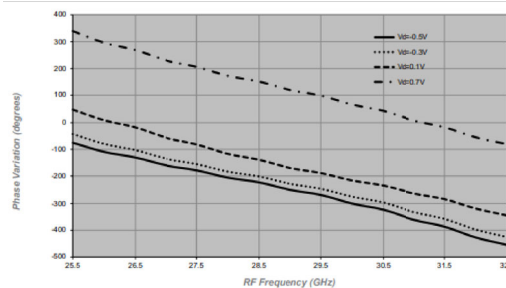
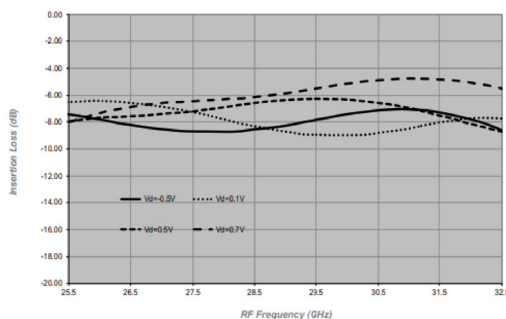
## Description:

Model Number: PS-2931-292FF is a 29 - 31 GHz Analog Phase Shifter. This phase shifter is supplied in our standard PE2 housing that can be used as a 2.92 connectorized or a surface mount component.

## Specifications:

Frequency Range: 29 to 31 GHz  
 Phase Shift Range: 0° to 360° Max  
 Insertion Loss: 10 dB Max  
 Input Power: 20dBm Max  
 Return Loss (In/Out): 5 dB Max.  
 Control Voltage Range: -0.5 to +0.7 VDC at 20mA Max.

## Typical Performance:



## Environmental Ratings:

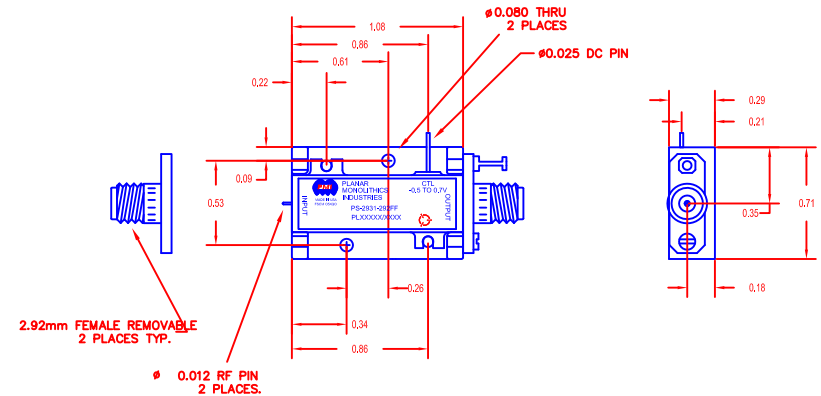
Temperature: -40 to +85 Deg. C (Operating)  
 -65 to +150 Deg. C (Storage)  
 Humidity: MIL-STD-202F, METHOD 103B COND B.  
 Shock: MIL-STD-202F, METHOD 213B COND B.  
 Altitude: MIL-STD-202F, METHOD 105C COND B.  
 Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

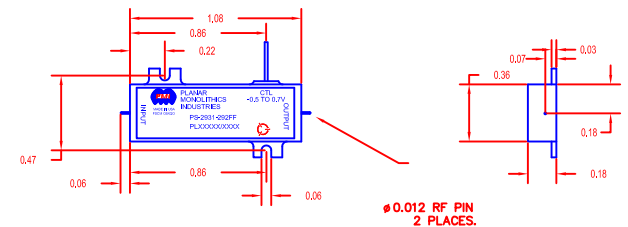
ALL DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 X.XX ±0.020  
 X.XXX ±0.010

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	8/6/2019
	1	UPDATED MODEL NUMBER	8/6/2019

### PE2 HOUSING WITH CARRIER



### PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN		8/6/19		PRODUCT FEATURE	
CHECKED				PS-2931-292FF	
ISSUED				PRELIMINARY	
SCALE		N: S		SHEET	
				1 OF 1	