

Description:

Model Number: PS-5G18G-400-A-SFF is a 5 - 18 GHz Analog Phase Shifter.
This phase shifter is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

This model provides the following performance. Data is available upon request.

Specifications:

Frequency Range:	5 to 18 GHz
Phase Shift Range:	
5 - 10 GHz	180° Min, 400° Typ
10 - 13 GHz	135° Min, 200° Typ
13 - 18 GHz	45° Min, 120° Typ
Insertion Loss:	
5 - 10 GHz	12 dB Max, 8 dB Typ
10 - 18 GHz	7 dB Max, 4 dB Typ
Return Loss (In/Out):	8 dB Typ
Control Voltage Range:	0 - 10 VDC
Modulation Bandwidth:	50 MHz Typ
Phase Voltage Sensitivity:	40° / V Typ
Insertion Phase	
Temp Sensitivity:	0.5° / V Typ

Absolute Maximum Ratings:

Control Voltage:	+11 VDC
Reverse Current:	5 mA
Input Power:	+30 dBm CW

Available Options:

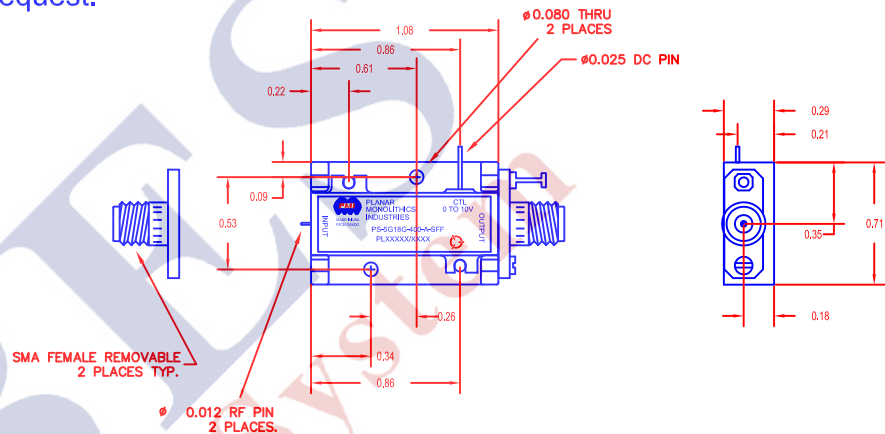
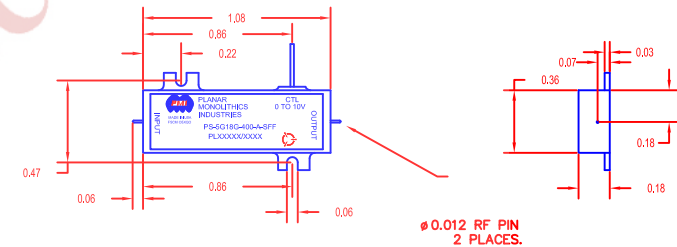
Various Package types
Various Connector types
Hermetic Sealing
MIL-STD-883 Screening Available

Environmental Ratings:

Temperature:	-55 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.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	06/11/10	
	A2	ECN # 14-0120	7/25/11	

PE2 HOUSING WITH CARRIER**PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)**

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



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

APPROVALS		DATE		TITLE			
DRAWN	<i>DPD</i>		6/11/10	PRODUCT FEATURE PS-5G18G-400-A-SFF			
CHECKED				SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	27013221	A2
				SCALE	N: S	SHEET 1 OF 1	