

Description:

Model Number: PS-30G40G-180-A-292FF is a 30.0 to 40.0 GHz Digital Bi Phase Modulator. This unit is supplied in our standard PE2 housing.

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

Specifications:

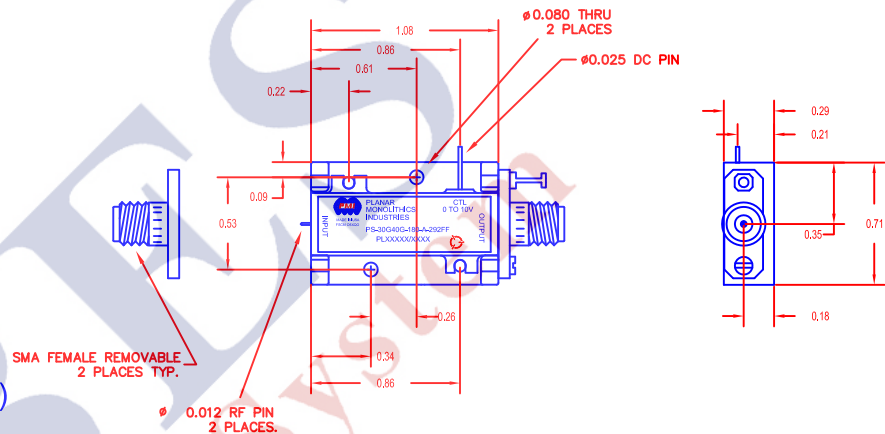
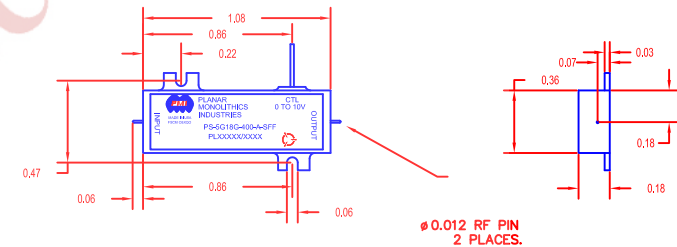
Frequency Range: 30.0 to 40.0 GHz
 Insertion Loss: 4.0 dB Typ.
 Phase Shift Range: 180 Degrees Typ.
 Phase Error: 15 Degrees Typ.
 Amplitude Error: 1.5 dB Typ.
 VSWR: 2.5:1 Typ.
 Control: 0 and +5 VDC
 (0 V = Reference & +5 V = 180 Degrees)
 Input Power: +20 dBm CW Max.
 Connectors: 2.92mm Female

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
	—	PRELIMINARY	11/16/15	JP

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

PMI CONFIDENTIAL AND PROPRIETARY

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

APPROVALS		DATE		TITLE			
DRAWN	EMF		11/16/15	PRODUCT FEATURE PS-30G40G-180-A-292FF			
CHECKED				SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	PRELIMINARY	—
				SCALE	N: S	SHEET	1 OF 1