

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

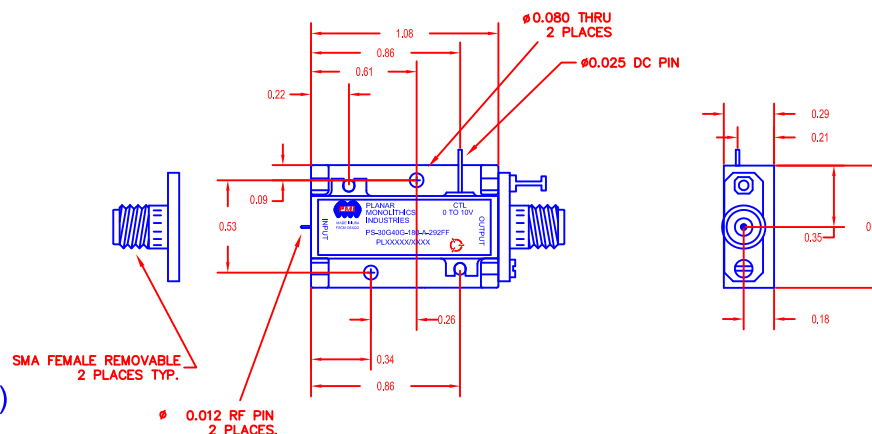
Environmental Ratings:

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

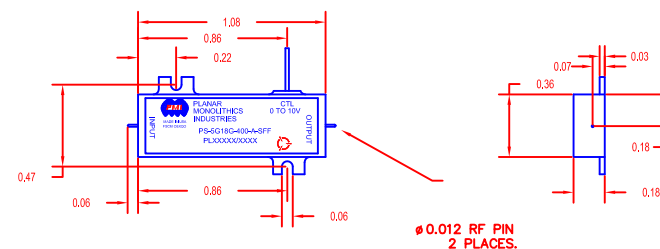
Note: The above specifications are subject to change or revision.

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		DATE		PRODUCT FEATURE			
CHECKED		DATE		PS-30G40G-180-A-292FF			
ISSUED		DATE		SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	-
				SCALE N: S		SHEET 1 OF 1	