

Description:

Low Noise Amplifier that operates over the 9.0 to 10.0 GHz frequency range. This model provides 30dB of gain with a noise figure of 2.5dB typical. The OP1dB is +21dBm minimum and operates on a DC voltage of +12 to +15 VDC supply. The unit is offered in PMI's standard PE2 housing.

Specifications:

Frequency Range:	9.0 to 10.0 GHz
Gain:	30 dB Typ.
Gain Flatness:	+/- 0.5 dB Max.
Noise Figure:	2.5 dB Typ
OP1dB:	+21 dBm Min.
VSWR Input/Output:	2.0:1 Max.
DC Voltage Supply:	+12 to +15VDC
DC Current Draw:	300mA Max.
Connectors In/Out	SMA Female

Features:

Internal Voltage Regulation
Unconditional Stability

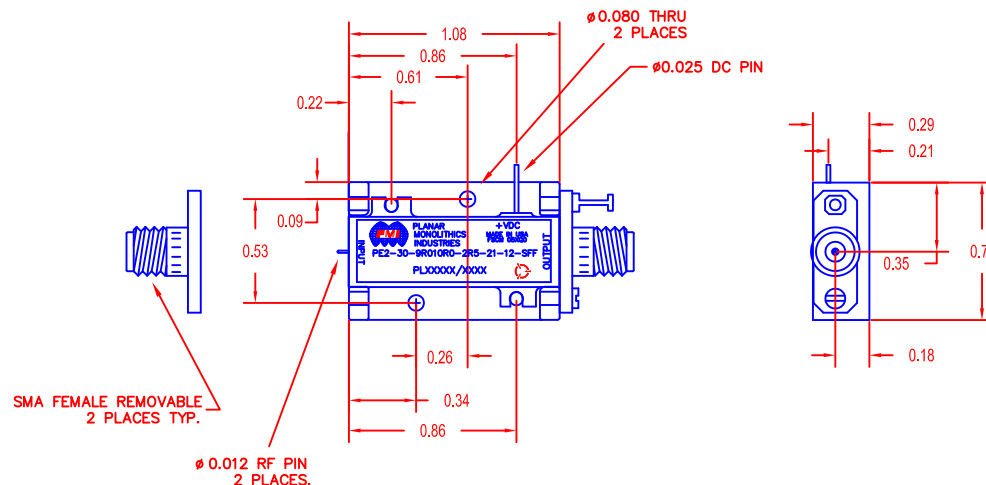
Environmental Ratings:

Temperature:	-40 to +85 Deg. C (Operating) -65 to +125 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

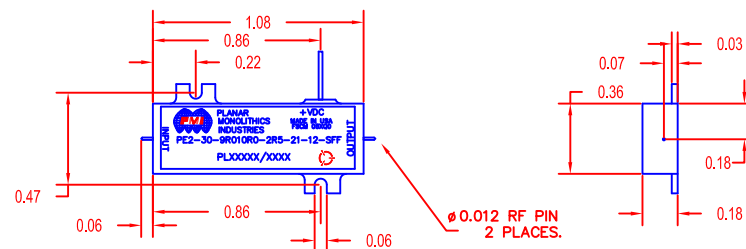
Note: The above specifications are subject to change or revision.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	10/21/13	
A1		ECN # 14-0043	03/03/14	

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN		10/21/13	PRODUCT FEATURE			
JGS			PE2-30-9R010R0-2R5-21-12-SFF			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	27021631	A1
ISSUED			SCALE N: S			SHEET 1 OF 1

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