

Description:

Model Number PEC-30-30G36G-20-12-292FF is a 30 GHz to 36 GHz low noise amplifier. This amplifier has a typical gain of 30 dB with +/- 2.5 dB flatness.

Specifications:

Frequency Range:	30 to 36 GHz
Gain:	30 dB Typ.
Gain Flatness:	+/- 2.5 dB Typ.
Noise Figure:	5.5 dB Typ.
OP1dB:	+19 dBm Typ. 30 to 36 GHz
Input Power Handling:	+17 dBm CW Max.
VSWR Input/Output:	2.0:1 / 2.5:1 Max.
DC Voltage Supply:	+12 to +15 VDC
DC Current Draw:	300 mA Nominal

Size:	1.37" (L) X 1.00" (W) X 0.60" (H)
Connectors:	2.92mm (F)

Environmental Ratings:

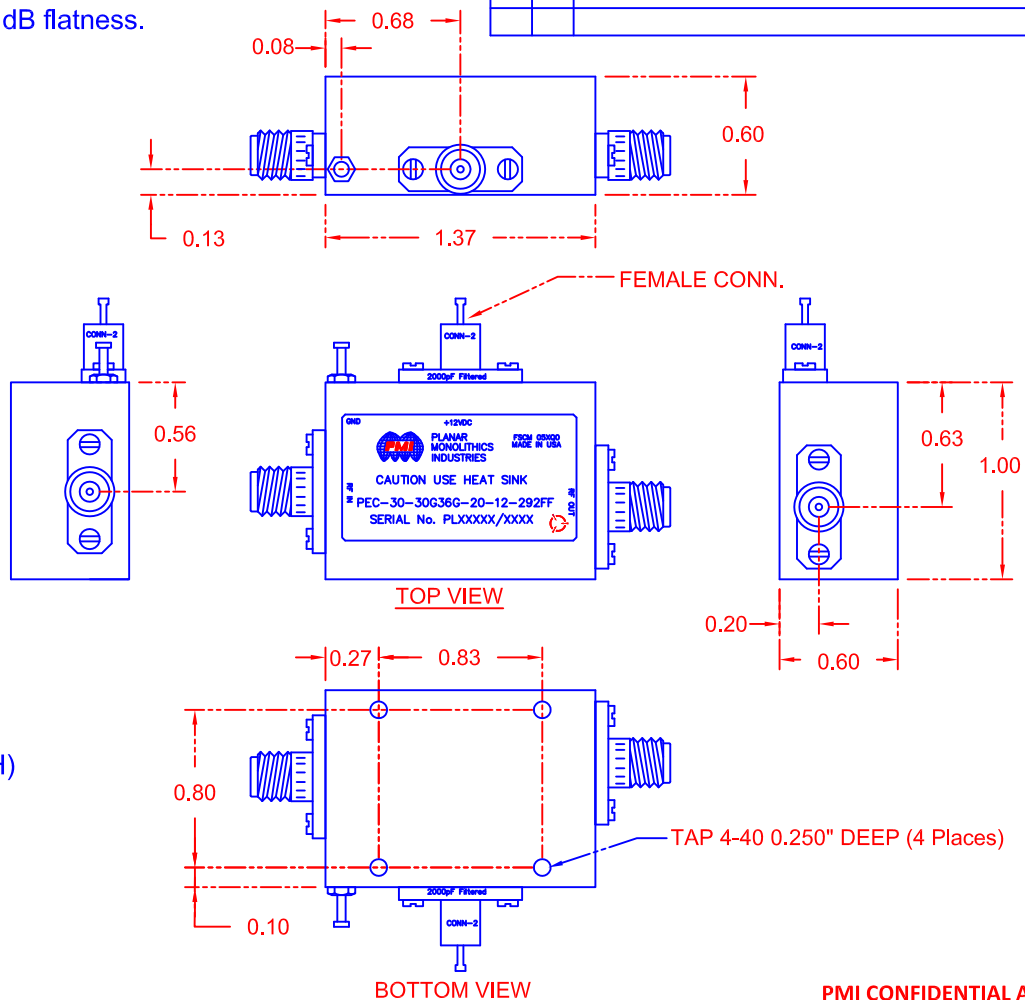
Temperature:	-55 to +85°C (Operating) -65 to +117°C (Storage)
Humidity:	MIL-STD-202F, METHOD 103B COND B.
Shock:	MIL-STD-202F, METHOD 213B COND B.
Altitude:	MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle:	MIL-STD-202F, METHOD 107D COND A.
Vibration:	MIL-STD-202F, METHOD 204D COND B.

Note: The above specifications may change over temperature.

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	APPROVED
	—	PRELIMINARY	12/15/15	JP



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE		
DRAWN J. PALACIO		12/15/15		OUTLINE DRAWING PEC-30-30G36G-20-12-292FF		
CHECKED				SIZE A	FSCM NO. 05XQ0	OWG NO. PRELIMINARY
ISSUED				SCALE N:S	SHEET 1 OF 1	