

Description:

PMI MODEL NO, PEC-22-41G43G-6R0-24-292FF IS A LOW NOISE AMPLIFIER THAT OPERATES OVER THE 41 TO 43GHZ FREQUENCY RANGE. THIS MODEL PROVIDES 22DB MINIMUM GAIN, A MAXIMUM NOISE FIGURE OF 6DB AND A MINIMUM OP1DB OF 24DBM.

Specifications:

Frequency Range: 41 to 43 GHz
Gain: 22dB Min.
Gain Flatness: +/-1.5dB Typ.
Noise Figure: 6.0dB Max.
OP1dB: +24dBm Min.
VSWR Input/Output: 2.5:1 Max.
DC Voltage Supply: +8VDC @ 500mA Max.

Environmental Ratings:

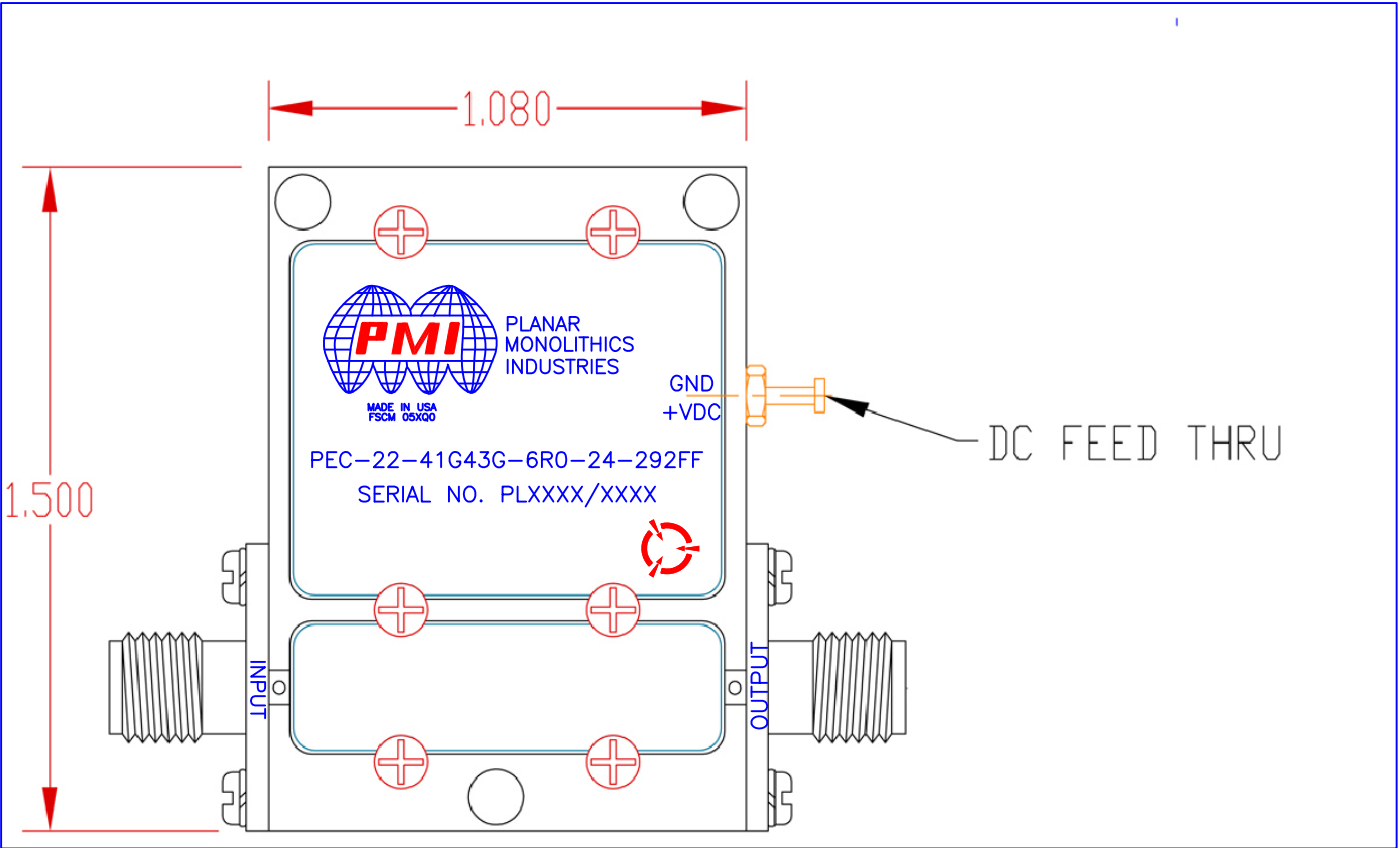
Temperature: -25°C to + 70°C (Operating)
-55°C to +125°C (Storage)
Humidity: MIL-STD-202F, METHOD 103B COND B.
Shock: MIL-STD-202F, METHOD 213B COND B.
Altitude: MIL-STD-202F, METHOD 105C COND B.
Temperature Cycle: MIL-STD-202F, METHOD 107D COND A

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	5/9/14	

PRELIMINARY MECHANICAL - SUBJECT TO CHANGE



PMI CONFIDENTIAL & PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		5/9/14		PRODUCT FEATURE			
CHECKED				PEC-22-41G43G-6R0-24-292FF			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE	N:S	SHEET	1 OF 1