

DESCRIPTION:

PMI MODEL PEC-30-3R7G4R3G-27LM-15-SFF IS A 3.7 TO 4.3GHZ LIMITING AMPLIFIER THAT HAS A LIMITED OUTPUT OF 27.5dBm MAXIMUM WITH AN INPUT OF -3 TO +1dBm. THIS MODEL OFFERES A LOW NOISE FIGURE OF 2.0dB AND IS OPERATED FROM A SINGLE +15VDC SUPPLY.

SPECIFICATIONS

- FREQUENCY RANGE: 3.7 TO 4.3GHz
- INPUT POWER: -3dBm TO +1dBm
- OUTPUT POWER: +26.5dBm TO +27.5dBm MAX
- IN/OUT VSWR: 1.5:1 TYP.
- NF: 2dB TYP.
- DC VOLTAGE: +15V AT 450mA TYP.
- CONNECTORS: SMA FEMALE
- SIZE: 0.34 x 0.93 x 1.30 INCHES

ENVIRONMENTAL RATINGS

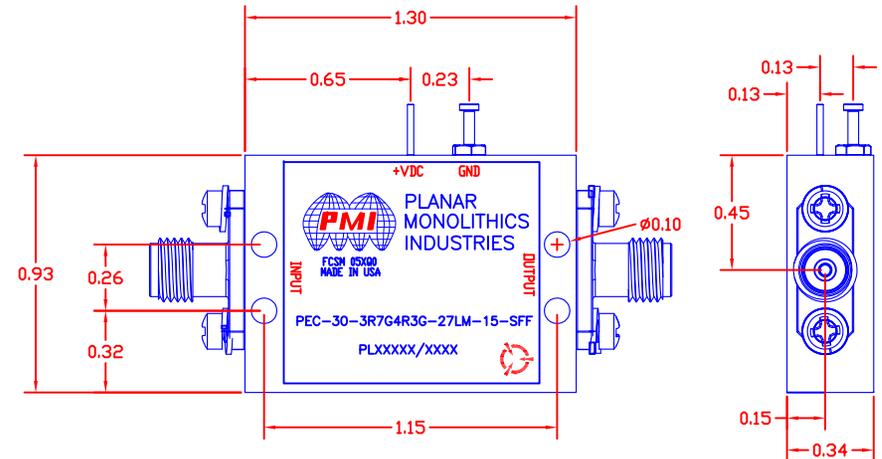
- **TEMPERATURE:** -55°C TO + 71°C (OPERATING)
-55°C TO +100°C (STORAGE)
- **HUMIDITY:** MIL-STD-202F, METHOD 103B COND. B
- **SHOCK:** MIL-STD-202F, METHOD 213B COND. B
- **VIBRATION:** MIL-STD-202F, METHOD 204D COND. B
- **ALTITUDE:** MIL-STD-202F, METHOD 105C COND. B
- **TEMPERATURE CYCLE:** MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING 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	02/02/15	KM

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>M. Berry</i>		02/02/15	3.7 TO 4.3GHz LIMITING AMPLIFIER PEC-30-3R7G4R3G-27LM-15-SFF		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1