

DESCRIPTION

PMI MODEL NUMBER LNA-0D1G6D0G-18-1D5-8D0-15-SFF IS A LOW NOISE AMPLIFIER WITH VERY WIDE BAND(0.1-6.0 GHz), MINIMAL DC SUPPLY, FLAT GAIN, HIGH GAIN, AND HIGH LINEARITY.

SPECIFICATIONS @ 23°C

- FREQUENCY:----- 0.1 GHz to 6.0 GHz
- GAIN:----- 18 dB MIN
- GAIN FLATNESS:----- ± 1.5 dB MAX
- NOISE FIGURE:----- 1.8 dB MAX
- VSWR IN:----- 2.0:1 MAX
- VSWR OUT:----- 2.0:1 MAX
- P1 dB OUT:----- +8 dBm MIN
- OUTPUT IP3:----- +18 dBm MAX
- VOLTAGE:----- +15 V @ +80 mA TYP
- CONNECTORS:----- SMA FEMALE (INPUT)
- FINISH:----- GOLD PLATED
- SIZE:----- 1.08 x 0.71 x 0.29

ENVIRONMENTAL RATINGS

- TEMPERATURE:----- -54 °C TO +85 °C (OPERATING)
----- -55 °C TO +125 °C (NON-OPERATING)
- 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

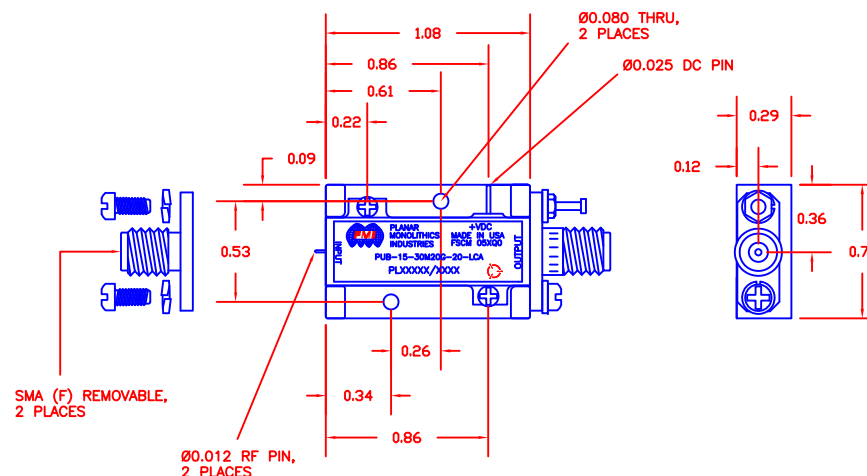
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

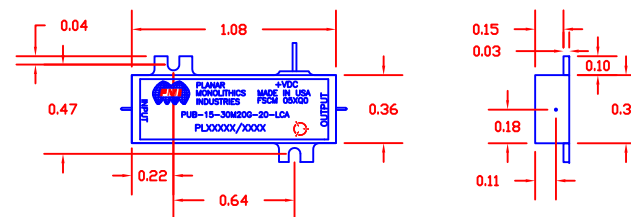
PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	07/29/15	LJP

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		LJP		PRODUCT FEATURE	
CHECKED		07/29/15		LNA-0D1G6D0G-18-1D5-8D0-15-SFF	
ISSUED				0.1 TO 6.0 GHz AMPLIFIER	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N:S		SHEET	
				1 OF 1	