

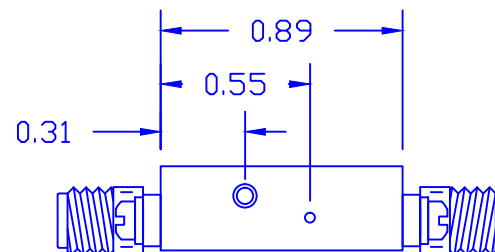
DESCRIPTION

PMI MODEL NUMBER LNA-0D4G6D0G-35-10D0-15-SFF IS A LOW NOISE AMPLIFIER (2.4 dB NF), 15 VOLT DC SUPPLY (325 mA), FLAT GAIN, HIGH GAIN, AND HIGH LINEARITY.

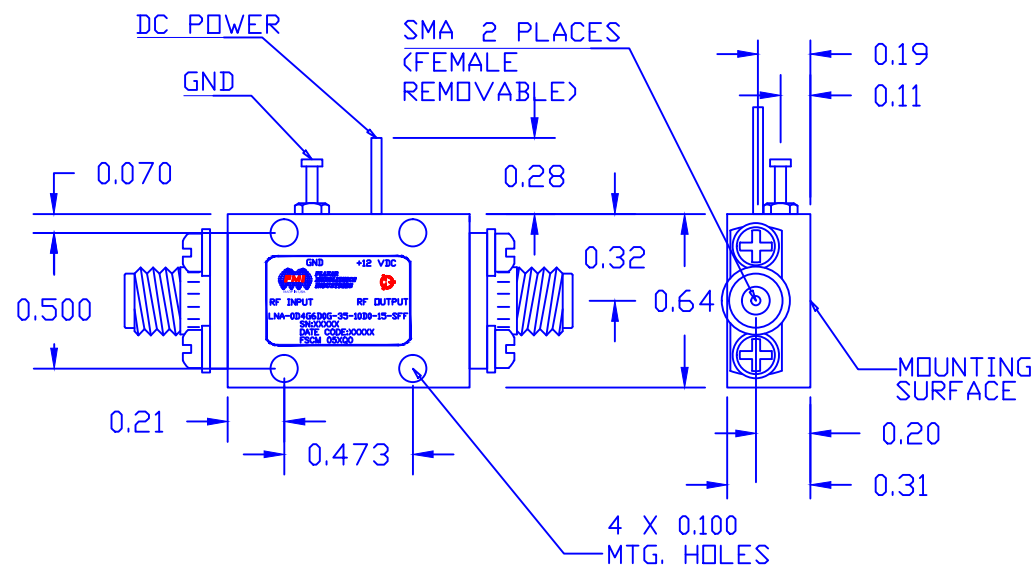
SPECIFICATIONS @ 23°C

- FREQUENCY:----- 0.4 GHz to 6.0 GHz
- GAIN:----- 35 dB MIN
- GAIN FLATNESS:----- ± 1.5 dB MAX
- NOISE FIGURE:----- 2.4 dB MAX
- VSWR (INPUT AND OUTPUT):----- 2.0:1 MAX
- POWER SUPPLY:----- + 15 V NOM.
- BIAS CURRENT:----- 325 mA NOM.
- 1 dB GAIN COMPRESSION POINT:- +10 dBm MINIMUM, OUTPUT POWER
- RF INPUT POWER:----- +13 dBm MAX

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	08/21/15	LJP



MECHANICAL OUTLINE



ENVIRONMENTAL RATINGS

- TEMPERATURE: -40 °C TO +75 °C (OPERATING)
-50 °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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		LJP		08/21/15	
CHECKED					
ISSUED					
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	PRELIMINARY	1		
SCALE	N:S			SHEET	1 OF 1