

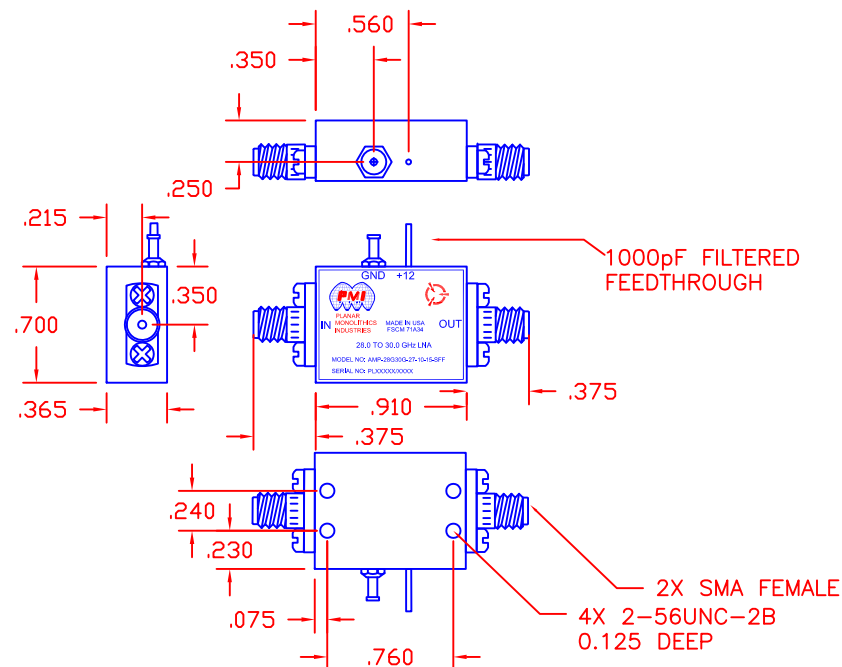
DESCRIPTION

THE MODEL AMP-28G30G-27-10-15-SFF IS A 28-30 GHz AMPLIFIER WITH A GAIN OF 27 dB, +10 dBm COMPRESSION POINT, AND A NOISE FIGURE OF 2.5 dB MAXIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/19/15	JM

SPECIFICATIONS

- FREQUENCY RANGE:----- 28.0 TO 30.0 GHz
- GAIN:----- 27 dB MIN
- GAIN FLATNESS:----- ±1.5 dB MAX
- NOISE TEMPERATURE----- 225.7° K MAX
- NOISE FIGURE:----- 2.5 dB MAX
- 1 dB GAIN COMPRESSION:----- +10 dBm MIN
- INPUT / OUTPUT VSWR:----- INPUT 2.3:1 MAX
OUTPUT 2.3:1 MAX
- MAXIMUM INPUT LEVEL:----- -9 dBm MIN
- DC POWER:----- +15V @ 225 mA NOMINAL
- FINISH:----- GOLD PLATED
- SIZE:----- 0.910 X 0.700 X 0.365



ENVIRONMENTAL RATINGS

- TEMPERATURE:----- -20 °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: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN JM		11-19-15	PRODUCT FEATURE AMP-28G30G-27-10-15-SFF		
CHECKED sfk		11-25-15	SIZE	FSCM NO.	DWG NO.
ISSUED			A	71A34	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1

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