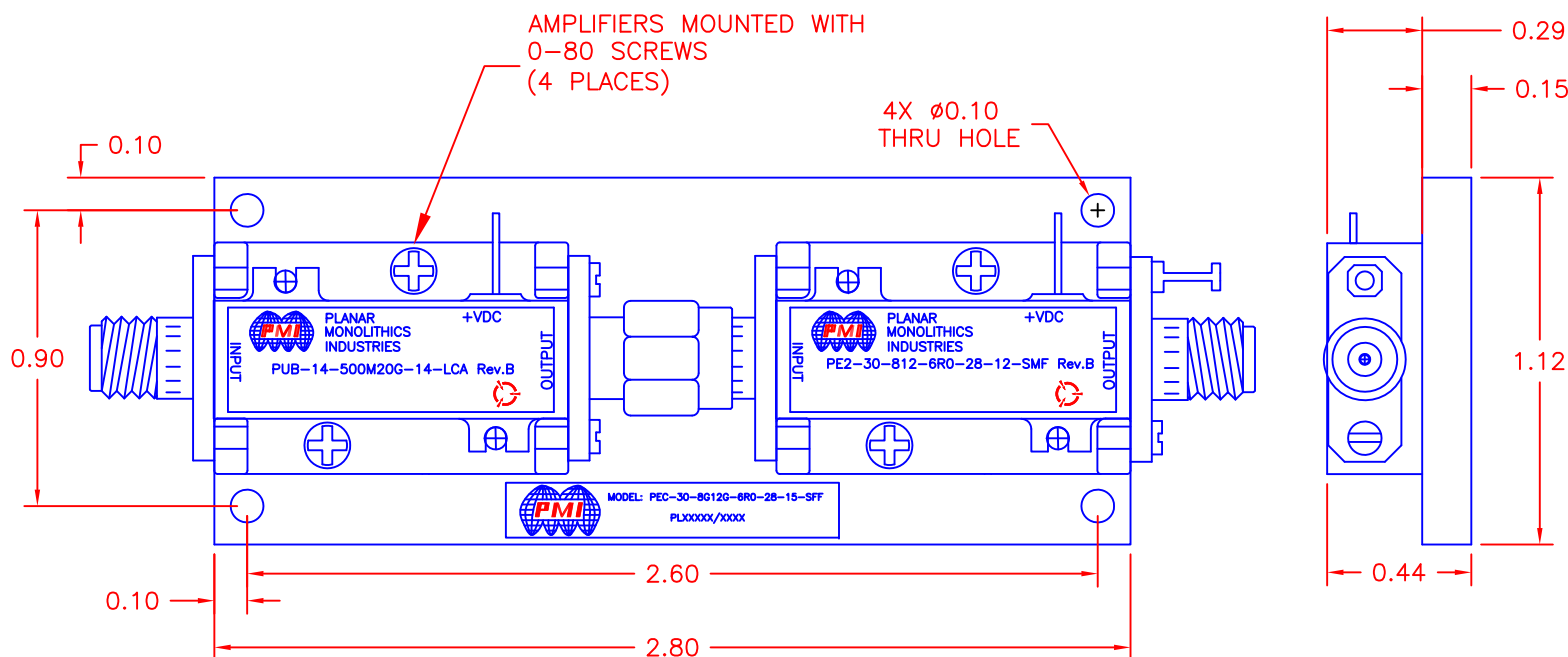


DESCRIPTION

PMI MODEL: PEC-30-8G12G-6R0-28-15-SFF IS AN AMPLIFIER WITH THE FOLLOWING SPECIFICATIONS.

SPECIFICATIONS

- FREQUENCY RANGE: 8 TO 12 GHz
- GAIN: 30dB Min
- GAIN FLATNESS: ± 1.5 dB Max
- NOISE FIGURE: 6dB Max
- OP1dB: +28dBm Min, +30dBm Typ
- INPUT VSWR: 2.0:1 Max
- OUTPUT VSWR: 2.2:1 Max, 2.0:1 Typ
- CONNECTORS: SMA FEMALE
- DC SUPPLY: 450mA @ +12 to +15VDC
- FINISH: GOLD PLATED



MECHANICAL OUTLINE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO + 85°C (OPERATING)
-65°C TO +125°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

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:
X.XX ± 0.010
X.XXX ± 0.005

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

CONFIDENTIAL & PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	02/26/09	

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ISO 9001:2000 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	<i>KM</i>		02/26/09	PRODUCT FEATURE	
CHECKED				PEC-30-8G12G-6R0-28-15-SFF	
ISSUED					
SIZE	FSCM NO.	DWG NO.			REV.
A	05XQ0	27010263			A
SCALE	N:S			SHEET	1 OF 1