

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	09/19/12	

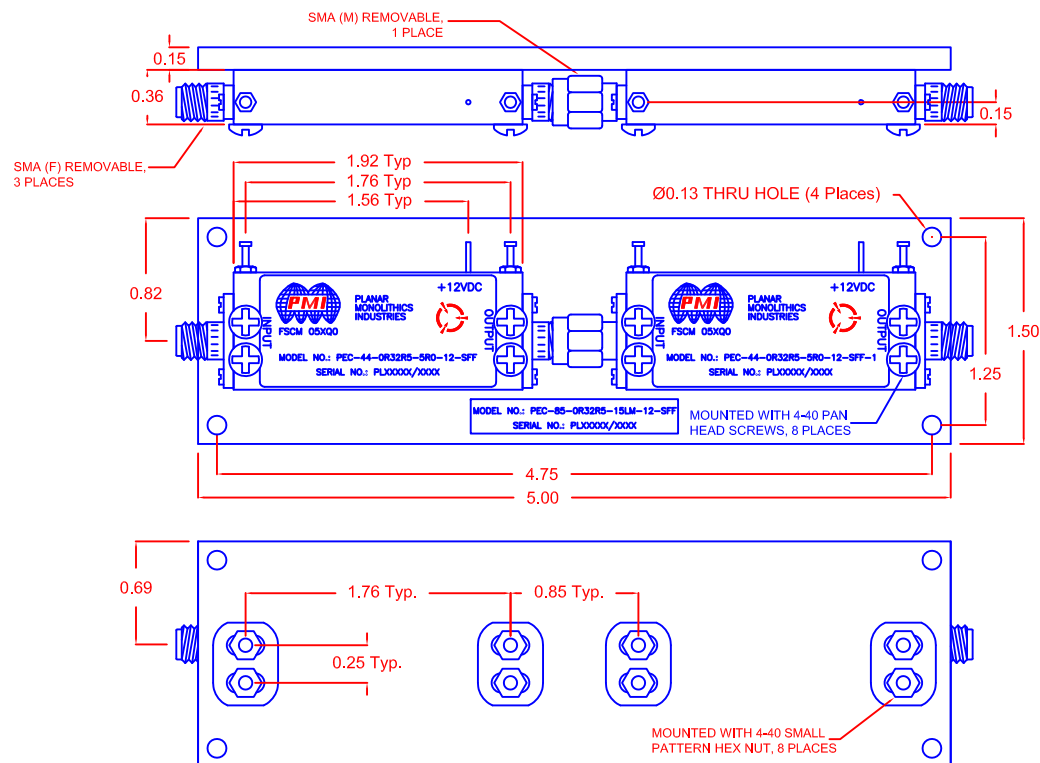
DESCRIPTION

PMI MODEL PEC-85-OR32R5-15LM-12-SFF IS A LIMITING AMPLIFIER WITH THE FREQUENCY RANGE OF 0.3 TO 2.5 GHz AND INCLUDES THE FOLLOWING SPECIFICATIONS:

SPECIFICATIONS

- FREQUENCY RANGE: 0.3 TO 2.5 GHz
- GAIN: 85dB Typ.
- LIMITED RF OUTPUT: +15dBm, ± 2.5 dBm
- NOISE FIGURE: 5dB Typ.
- VSWR (INPUT/OUTPUT): 2.0:1 Max.
- SURVIVAL INPUT POWER: +15dBm CW Max.
- OPERATING INPUT POWER: +10dBm CW Max.
- DC SUPPLY: +12VDC WITH INTERNAL VOLTAGE PROTECTION AND REVERSE VOLTAGE PROTECTION.
- FINISH GOLD PLATED

MECHANICAL OUTLINE



CONFIDENTIAL & PROPRIETARY

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

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 ± 0.010
X.XXX ± 0.005

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APPROVALS		DATE		TITLE	
DRAWN	DG		09/19/12	OUTLINE DRAWING PEC-85-OR32R5-15LM-12-SFF	
CHECKED				SIZE	FSCM NO.
ISSUED				A	05XQ0
				DWG NO.	27017361
				SCALE	N:S
				SHEET	1 OF 1