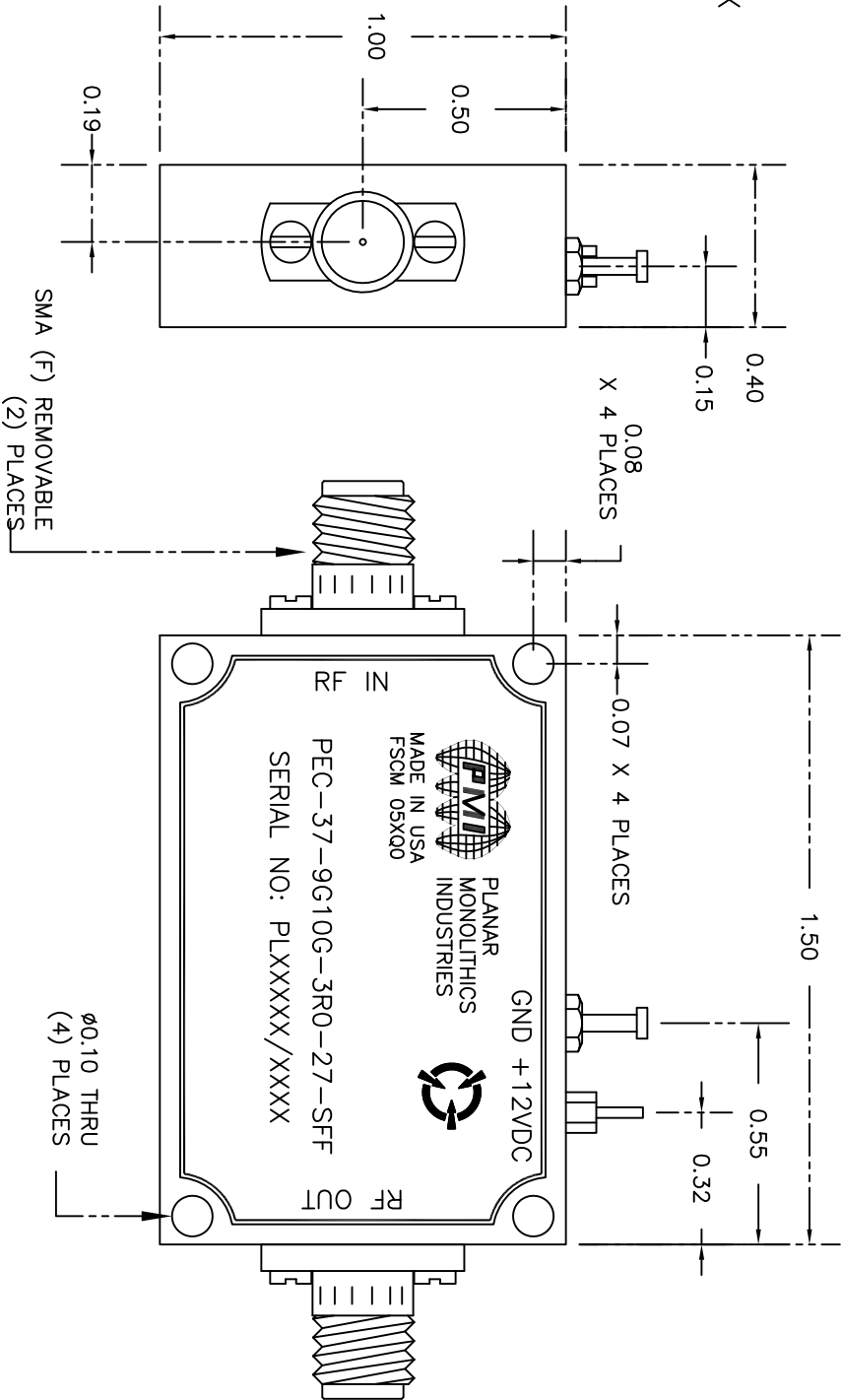


DESCRIPTION

PMI MODEL PEC-37-9G10G-3R0-27-SFF OPERATES AT FREQUENCY RANGE OF 9.0-10.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 9 TO 10 GHz
- OP1dB: +27dBm MIN, +28dBm TYP.
- OUTPUT IP3: +31dBm TYP.
- NOMINAL GAIN @25°C BASE PLATE TEMPERATURE: 34dB MIN, 37dB TYP, 40dB MAX
- GAIN FLATNESS: ±0.35dB TYP, ±0.5dB MAX
- GAIN VARIATION OVER TEMPERATURE: ±2dB TYP.
- NOISE FIGURE: 2.5dB TYP, 3.0dB MAX.
- VSWR (INPUT/OUTPUT): 1.7:1 TYP, 2.0:1 MAX.
- SPURIOUS: -60dBc MAX.
- DC VOLTAGE: +10V @ 300 mA MIN. +12V @ 400 mA TYP. +15V @ 700 mA MAX.
- CONNECTORS IN/OUT: SMA FEMALE CONNECTORS
- SIZE: 1.5”(L) X 1.0”(W) X 0.4”(H)
- FINISH: NICKEL PLATED



MECHANICAL OUTLINE

ENVIRONMENTAL RATINGS

- TEMPERATURE: -20°C TO +65°C (OPERATING) -45°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 107

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	12/12/12

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ISO 9001:2008 CERTIFIED



TITLE

PRODUCT FEATURE

PEC-37-9G10G-3R0-27-SFF

APPROVALS

DATE

12/12/12

DRAWN

ZJR

CHECKED

ISSUED

SIZE

FSCM NO.

DWG NO.

REV.

SCALE

N: S

SHEET

1 OF 1