

DESCRIPTION

PMI MODEL PEC-28-9G10G-3R0-29-SFF OPERATES AT FREQUENCY RANGE OF 9.0-10.0 GHz.

SPECIFICATIONS

- FREQUENCY RANGE:.....9 TO 10 GHz
- OP1dB:+29dBm MIN
- OUTPUT IP3:+31dBm TYP.
- GAIN @25°C BASE
PLATE TEMPERATURE:.....22dB MIN
- GAIN FLATNESS:.....±0.35dB TYP, ±0.5dB MAX
- GAIN VARIATION OVER TEMPERATURE:.....±2dB TYP.
- NOISE FIGURE:.....7.0dB 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

ENVIRONMENTAL RATINGS

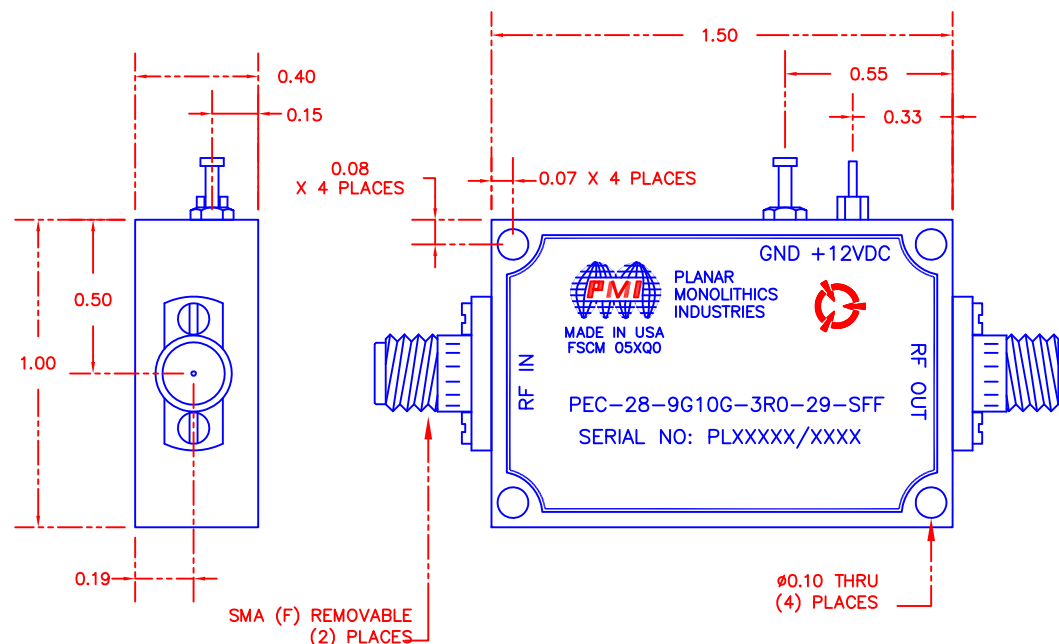
- TEMPERATURE:.....-20°C TO +65°C (OPERATING)
-45°C TO +125°C (STORAGE)
- HUMIDITY:.....MIL-STD-202F, METHOD 103B COND. B
- SHOCK:MIL-STD-202F, METHOD 213B COND. B
- ALTITUDE:MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE:.....MIL-STD-202F, METHOD 107

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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	8-8-18	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE		
DRAWN		JM		PRODUCT FEATURE		
CHECKED				PEC-28-9G10G-3R0-29-SFF		
ISSUED						
SIZE		FSCM NO.		DWG NO.		REV.
A		71A34		PRELIMINARY		1
SCALE		N: S		SHEET		1 OF 1