

DESCRIPTION:

PMI MODEL NUMBER: PEC-23-11G13G-4R5-27-15-SFF IS A 11.0 TO 13.0 GHZ MEDIUM POWER, LOW NOISE AMPLIFIER OFFERING 23dB GAIN AND A OP1dB OF +26.5dBm WITH A LOW NOISE FIGURE OF 4.5dB. THIS AMPLIFIER IS SUPPLIED IN A HOUSING MEASURING 1.0" X 0.63" X 0.25" WITH SMA FEMALE CONNECTORS.

SPECIFICATIONS:

FREQUENCY:	11.0 TO 13.0 GHZ
GAIN:	20dB MIN. / 25dB MAX.
GAIN FLATNESS:	+/-1.5dB TYPICAL
NOISE FIGURE:	4.5dB TYPICAL, 5.0dB MAX.
OP1dB:	+26.5dBm MIN.
VSWR INPUT/OUTPUT:	2.0:1 MAX.
IMPEDANCE:	50 OHMS
INPUT POWER:	+23dBm CW MAX.
DC VOLTAGE SUPPLY:	+15VDC
DC CURRENT DRAW:	500mA MAX.
CONNECTORS IN/OUT:	SMA FEMALE CONNECTORS
FINISH:	GOLD PLATED

FEATURES:

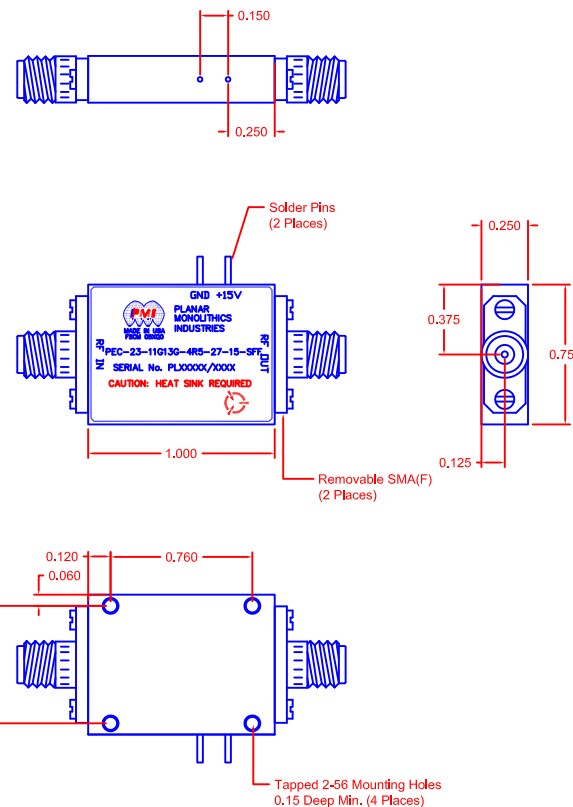
INTERNAL VOLTAGE REGULATION
 REVERSE VOLTAGE PROTECTION
 UNCONDITIONAL STABILITY

ENVIRONMENTAL RATINGS:

TEMPERATURE:	-55 TO +85 DEG. C (OPERATING)
	-65 TO +125 DEG. C (STORAGE)
HUMIDITY:	MIL-STD-202F, METHOD 103B COND. B
SHOCK:	MIL-STD-202F, METHOD 213B COND. C
ALTITUDE:	MIL-STD-202F, METHOD 105C COND. B
TEMPERATURE CYCLE	MIL-STD-202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION
 NOTE: SPECIFICATIONS ARE VALID AT +25C.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	ORIGINAL RELEASE	11/26/19	



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

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>JPH</i>		11/26/19	PRODUCT FEATURE		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N: S	SHEET 1 OF 1