

DESCRIPTION

PMI MODEL PTB-30-2040-5R0-10-115VAC-292FF IS A PORTABLE AMPLIFIER THAT OPERATES OVER THE 20.0 TO 40.0 GHz FREQUENCY RANGE. THIS MODEL PROVIDES 30dB OF TYPICAL GAIN WITH AN OP1dB OF +10dBm MINIMUM. THIS AMPLIFIER FEATURES AN ON/OFF SWITCH THAT IS LOCATED ON THE FRONT PANEL.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 20.0 TO 40.0 GHz
- GAIN: _____ +30dB TYP
- GAIN FLATNESS: _____ ± 2.0 dB MAX
- (*)NOISE FIGURE: _____ 5.0dB TYP
- OP1dB: _____ +10dBm MIN
- VSWR (IN/OUT): _____ 2.0:1 MAX
- CONNECTORS (IN/OUT): _____ SMA FEMALE
- AC VOLTAGE SUPPLY: _____ 115VAC, 60Hz

*SUPPLIED WITH FUSE AND 6 FOOT POWER CORD

- SIZE _____ (L) 4.92" X (W) 4.92" X (H) 2.26"
- FINISH _____ BLUE POWDER COATED

*NOTE: ONLY MEASURED TO 26.5GHz

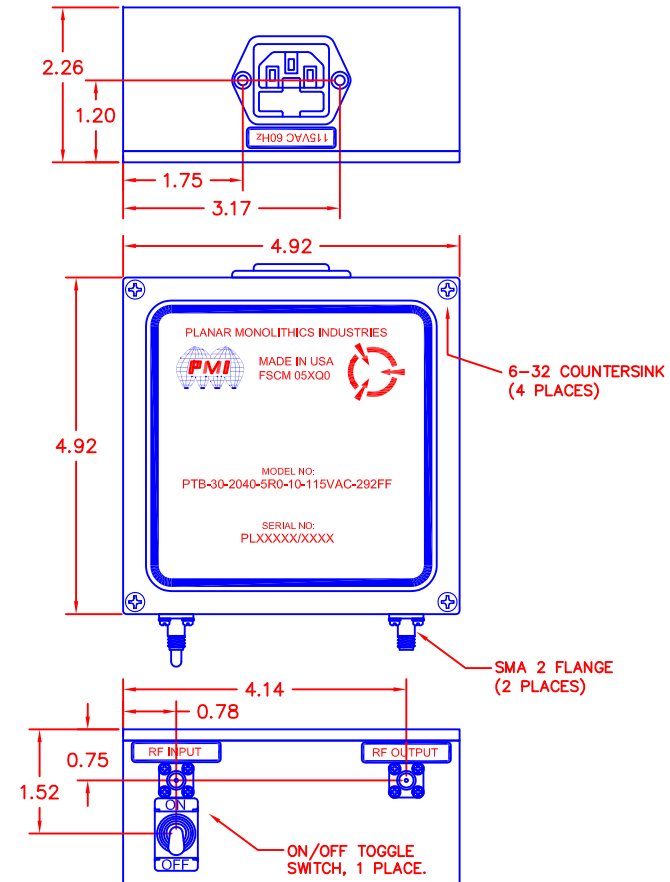
ENVIRONMENTAL RATINGS

- **TEMPERATURE:** _____ -40°C TO +85°C (OPERATING)
_____ -40°C TO +100°C (NON-OPERATING)
- **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

NOTES:
1) DIMENSIONS ARE IN INCHES
2) TOLERANCES: X.XX ± 0.020
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/08/14	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN <i>fk</i>		08/08/14		PRODUCT FEATURE	
REDRAWN				PTB-30-2040-5R0-10-115VAC-292FF	
ISSUED					
SIZE A		FSCM NO. 05XQ0		DWG NO. 27006885	
SCALE N: S				REV. A1	
				SHEET 1 OF 1	