

DESCRIPTION

PMI MODEL PTB-30-2040-5R0-10-100VAC-292FF IS A PORTABLE AMPLIFIER THAT OPERATES OVER THE 20.0 TO 40.0 GHz FREQUENCY RANGE. THIS MODEL PROVIDES 30 dB OF TYPICAL GAIN WITH AN OP1dB OF +10 dBm MINIMUM. THIS AMPLIFIER FEATURES AN ON/OFF SWITCH THAT IS LOCATED ON THE FRONT PANEL. THIS UNIT OPERATES ON 90 TO 100 VAC AND IS SUPPLIED WITH A 6 FOOT LONG POWER CORD.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 20.0 TO 40.0 GHz
- GAIN: _____ +30 dB TYP
- GAIN FLATNESS: _____ ±2.0 dB MAX
- (*)NOISE FIGURE: _____ 5.0 dB TYP
- OP1dB: _____ +10 dBm MIN
- VSWR (IN/OUT): _____ 2.0:1 MAX
- CONNECTORS (IN/OUT): _____ 2.92mm FEMALE
- AC VOLTAGE SUPPLY: _____ 90 to 100 VAC
*SUPPLIED WITH FUSE AND 6 FOOT POWER CORD
- SIZE _____ (L) 4.92" X (W) 4.92" X (H) 2.26"
- FINISH _____ BLUE POWDER COATED

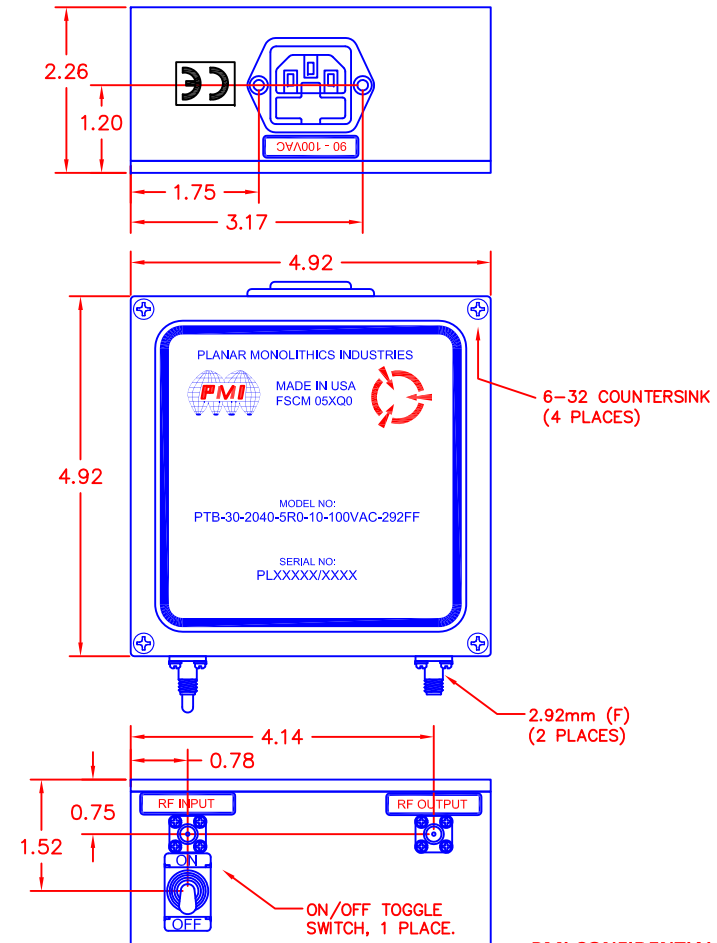
*NOTE: MEASURED TO 26.5 GHz

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	11/9/15	



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN <i>SAB</i>		11/9/15	PRODUCT FEATURE		
REDRAWN			PTB-30-2040-5R0-10-100VAC-292FF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	27027922
			SCALE	N: S	SHEET 1 OF 1
					REV. 1

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