

DESCRIPTION

PMI MODEL PTB-30-0R12-5R0-20-115VAC-SFF IS A PORTABLE AMPLIFIER THAT OPERATES OVER THE 0.1 TO 2.0 GHz FREQUENCY RANGE. THIS MODEL PROVIDES 30 dB OF GAIN WITH AN OP1dB OF +20 dBm MINIMUM. THIS AMPLIFIER FEATURES AN ON/OFF SWITCH THAT IS LOCATED ON THE FRONT PANEL. THIS UNIT OPERATES ON 110 TO 115 VAC AND IS SUPPLIED WITH A 6 FOOT LONG POWER CORD.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 0.1 TO 2.0 GHz
- GAIN: _____ +30 dB
- GAIN FLATNESS: _____ ± 1.5 dB MAX
- NOISE FIGURE: _____ 5.0 dB MAX
- OP1dB: _____ +20 dBm MIN
- VSWR (IN/OUT): _____ 2.0:1
- CONNECTORS (IN/OUT): _____ 2.92mm FEMALE
- AC VOLTAGE SUPPLY: _____ 110 – 115 VAC 60 Hz

*SUPPLIED WITH FUSE AND 6 FOOT POWER CORD

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

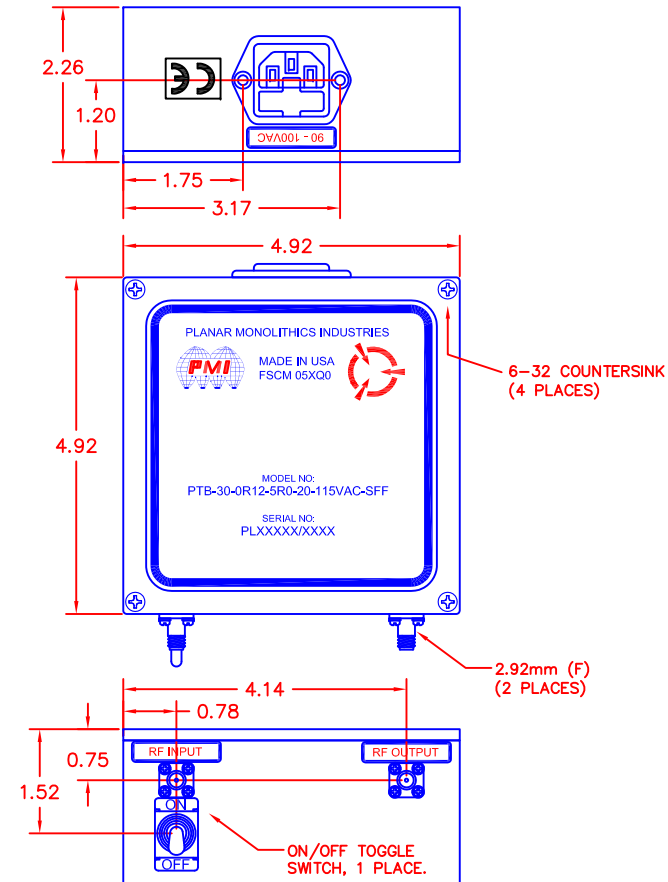
ENVIRONMENTAL RATINGS

- **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
	—	PRELIMINARY	2/27/19	



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN <i>SAB</i>		11/12/15		PRODUCT FEATURE			
REDRAWN <i>EW</i>		2/27/19		PTB-30-0R12-5R0-20-115VAC-SFF			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE	N: S	SHEET	1 OF 1