

## DESCRIPTION

PMI MODEL PTB-30-618-5R0-20-115VAC-SFF IS A PORTABLE AMPLIFIER THAT OPERATES OVER THE 6.0 TO 18.0 GHz FREQUENCY RANGE. THIS MODEL PROVIDES 30dB OF MINIMUM GAIN WITH AN OP1dB OF +20dBm MINIMUM. THIS AMPLIFIER FEATURES AN ON/OFF SWITCH THAT IS LOCATED ON THE FRONT PANEL.

## SPECIFICATIONS

- FREQUENCY RANGE: \_\_\_\_\_ 6.0 TO 18.0 GHz
- GAIN: \_\_\_\_\_ +30 dB MIN
- GAIN FLATNESS: \_\_\_\_\_  $\pm 1.5$  dB MAX
- NOISE FIGURE: \_\_\_\_\_ 5.0 dB MAX
- OP1dB: \_\_\_\_\_ +20 dBm MIN
- VSWR (IN/OUT): \_\_\_\_\_ 2.0:1 MAX
- CONNECTORS (IN/OUT): \_\_\_\_\_ SMA FEMALE
- AC VOLTAGE SUPPLY: \_\_\_\_\_ 110 TO 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

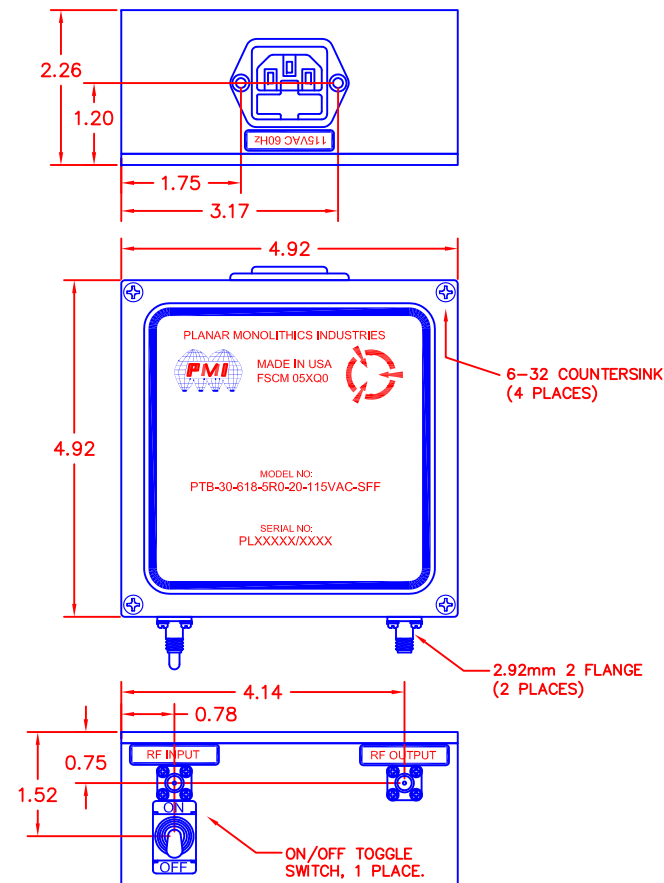
## ENVIRONMENTAL RATINGS

- **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  $\pm 0.020$   
X.XXX  $\pm 0.010$

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY	06/26/15	



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN <i>EMF</i>		06/26/15		PRODUCT FEATURE	
REDRAWN				PTB-30-618-5R0-20-115VAC-SFF	
ISSUED				PRELIMINARY	
SIZE A		FSCM NO. 05XQ0		DWG NO.	
SCALE N: S				REV. —	
				SHEET 1 OF 1	