

DESCRIPTION

PMI MODEL PTB-20-1050-5R0-20-220VAC-240FF IS A PORTABLE AMPLIFIER THAT OPERATES OVER THE 10.0 TO 50.0 GHz FREQUENCY RANGE. THIS MODEL PROVIDES 20 dB OF TYPICAL 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 220 VAC AND IS SUPPLIED WITH AN 6 FOOT LONG POWER CORD & EU STYLE PLUG.

SPECIFICATIONS

- FREQUENCY RANGE: _____ 10.0 TO 50.0 GHz
- GAIN: _____ +20 dB MIN
- GAIN FLATNESS: _____ ± 2.0 dB MAX
- (*)NOISE FIGURE: _____ 5.0 dB TYP / 5.5 dB MAX
- OP1dB: _____ +10 dBm MIN/ +15 dBm TYP.
- VSWR (IN/OUT): _____ 2.0:1 MAX
- CONNECTORS (IN/OUT): _____ 2.40mm FEMALE
- AC VOLTAGE SUPPLY: _____ 220 VAC

*SUPPLIED WITH FUSE AND 6 FOOT POWER CORD & EU PLUG

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

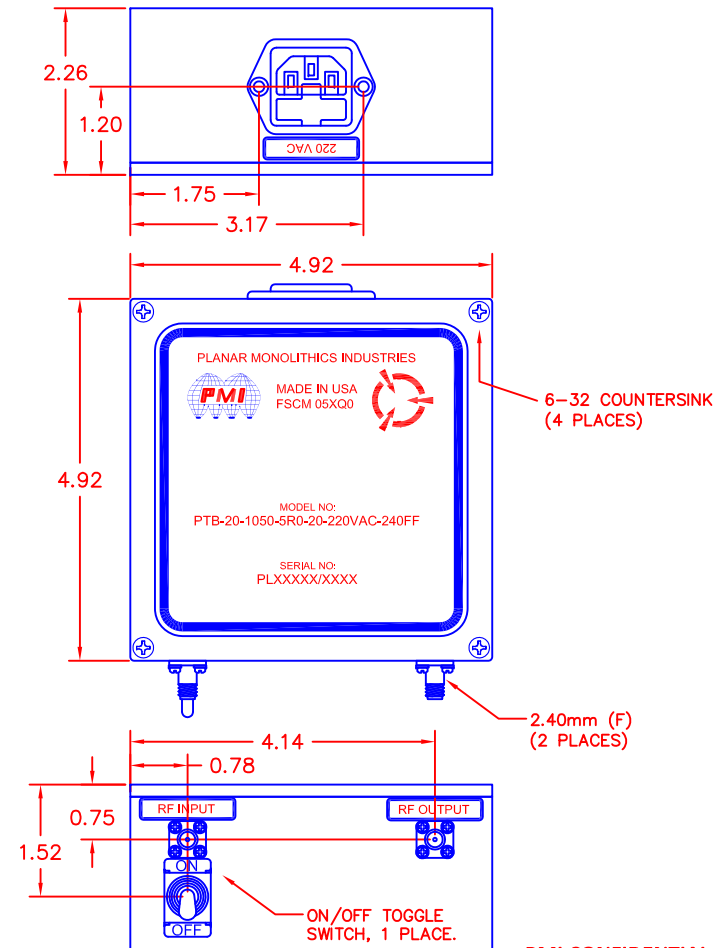
*NOTE: MEASURED TO 26.5 GHz

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
	—	PRELIMINARY	09/28/15	JP



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		DATE		PRODUCT FEATURE			
REDRAWN		DATE		PTB-20-1050-5R0-20-220VAC-240FF			
ISSUED		DATE		SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE	N: S	SHEET	1 OF 1

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