DESCRIPTION

PMI MODEL ADA-0520F-65-OPT6G18G-PTB IS 6.0 TO 18.0 GHZ, PORTABLE ADJUSTABLE THRESHOLD DETECTOR. THIS UNIT OPERATES ON 220 to 230 VAC AND IS SUPPLIED WITH A 6 FOOT STANDARD EU 2-PRONG STYLE POWER CORD.

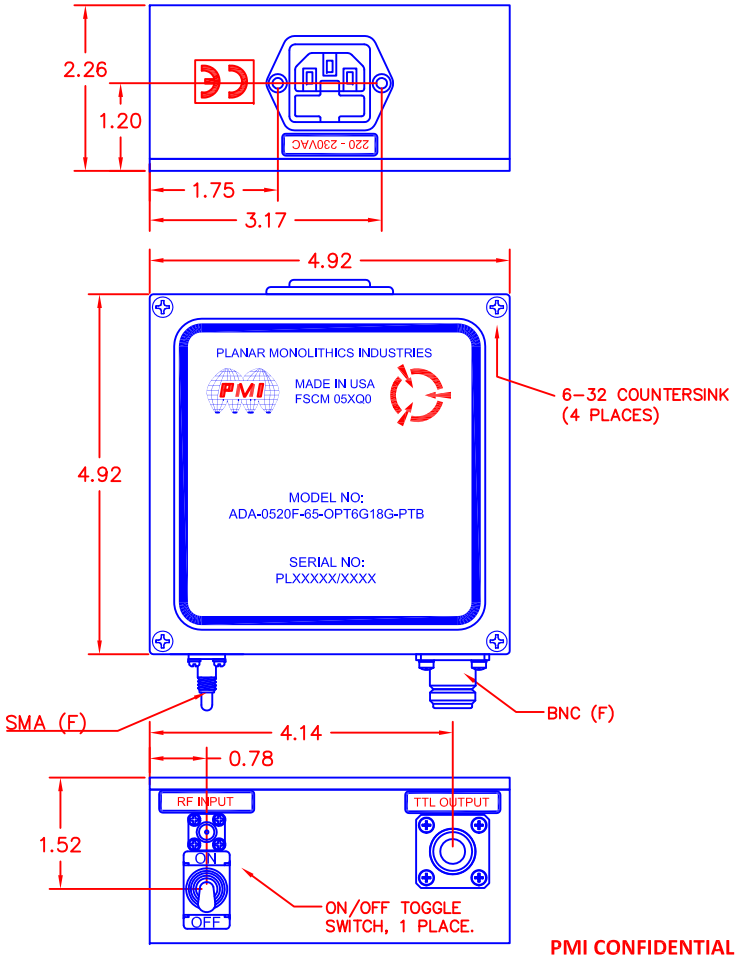
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	PRELIMINARY	7/19/16	

SPECIFICATIONS

- FREQUENCY RANGE: ——— 6.0 TO 18.0 GHz
- MINIMUM SIGNAL LEVEL FOR THRESHOLD SETTING: ——— −45 dBm ±2.5 dB
- THRESHOLD VARIATION (FLATNESS): ——— ±1.5 dB MAX
- POWER INPUT: ——— +10 dBm
- INPUT SIGNAL: ——— FROM 20 ns PULSE TO CW
- OUTPUT LEVEL DETECTED: ——— 0 V & 2.5 V MIN UNDER 50 OHMS (TTL)
- OUTPUT STABILITY: ——— ±3.0 dB (BETWEEN −50°C TO +85°C)
- RISE TIME: ——— 10 ns TYPICAL, 20 ns MAXIMUM
- PROPAGATION DELAY: ——— 10 ns TYPICAL, 20 ns MAXIMUM
- RECOVERY TIME: ——— 60 ns MAXIMUM
- TEMPERATURE RANGE: ——— −50°C TO +85°C
- EXTERNAL INPUT RF CONNECTORS: ——— SMA FEMALE
- EXTERNAL OUTPUT CONNECTORS: ——— BNC TYPE FEMALE
- AC VOLTAGE SUPPLY: ——— 220 – 230VAC

  *SUPPLIED WITH FUSE AND 6 FOOT STANDARD EU 2-PRONG STYLE POWER CORD

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



PMI CONFIDENTIAL AND PROPRIETARY

ENVIRONMENTAL RATINGS

- **TEMPERATURE:** ——— −50°C TO +85°C (OPERATING)
  −50°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

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN DPD	1/29/09
REDRAWN EMF	7/19/17
ISSUED	

TITLE: PRODUCT FEATURE
ADA-0520F-65-OPT6G18G-PTB

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	–

SCALE N: S SHEET 1 OF 1