

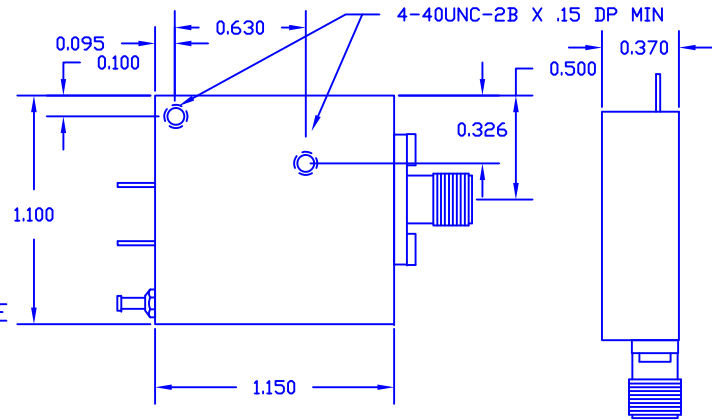
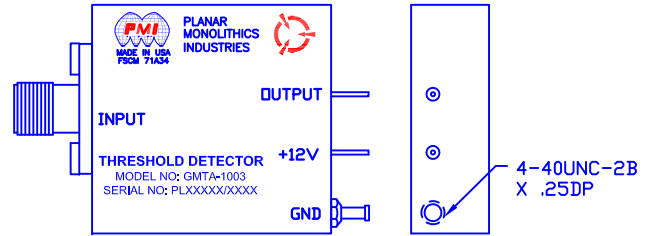
DESCRIPTION

PMI MODEL GMTA-1003 IS A THRESHOLD DETECTOR DESIGNED TO OPERATE OVER THE FREQUENCY RANGE OF 8-18GHz, AND HAS A FIXED THRESHOLD LEVEL OF -42dBm

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A1	ORIGINAL RELEASE	1-3-07	JM

SPECIFICATIONS

- FREQUENCY RANGE: 8-18GHz
- THRESHOLD STABILITY: +/-3.0dB OVER FREQ & TEMP
- THRESHOLD LEVEL: -42dBm
- VSWR: 2.5:1
- MAX POWER INPUT: +10dBm
- DETECTED OUTPUT: TTL
- RESPONSE TIME 90% RF TO TTL 1: 100uS
- DC SUPPLY: +12VDC @ 200mA MAX
- SIZE: (L) 1.15" X (W) 1.10" X (H) 0.37"
- FINISH: ELECTROLESS NICKEL PLATE 0.0005 TO 0.0007 THICK PER AMS2404



ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -0°C TO + 85°C (OPERATING)
-62°C TO +125°C (STORAGE)
- **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
NOTE: MARKING PER MIL-STD-130 APPROX AS SHOWN

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE			
DRAWN <i>BAMERON N</i>		<i>1-3-07</i>	PRODUCT FEATURE			
CHECKED <i>BAMERON N</i>		<i>1-3-07</i>	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	71A34	DWG000073	A1
			SCALE	SHEET		1 OF 1