

DESCRIPTION

PMI MODEL GMTA-1005 IS A THRESHOLD DETECTOR DESIGNED TO OPERATE OVER THE FREQUENCY RANGE OF 8-18GHz, AND HAS A FIXED THRESHOLD LEVEL OF -42dBm

SPECIFICATIONS

- FREQUENCY RANGE: 8-18GHz
- THRESHOLD STABILITY: ± 3.0 dB 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

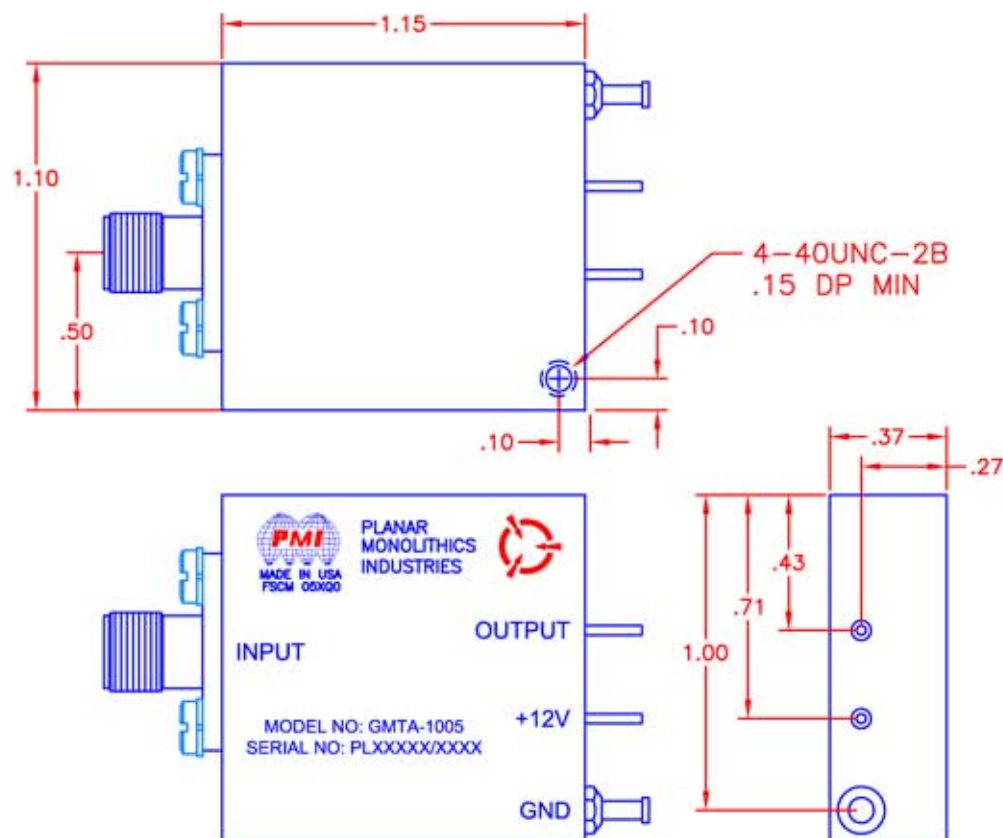
- TEMPERATURE: -0°C TO + 85°C (OPERATING)
-62°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.030
X.XXX ± 0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	XX/XX/XX	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE	
DRAWN	J. LUDDEN	09/26/13		PRODUCT FEATURE GMTA-1005	
CHECKED				SIZE	FCM NO.
ISSUED				A	05XQ0
				DWG NO.	REV.
				27021226	1
				SCALE N:S	SHEET 1 OF 1