

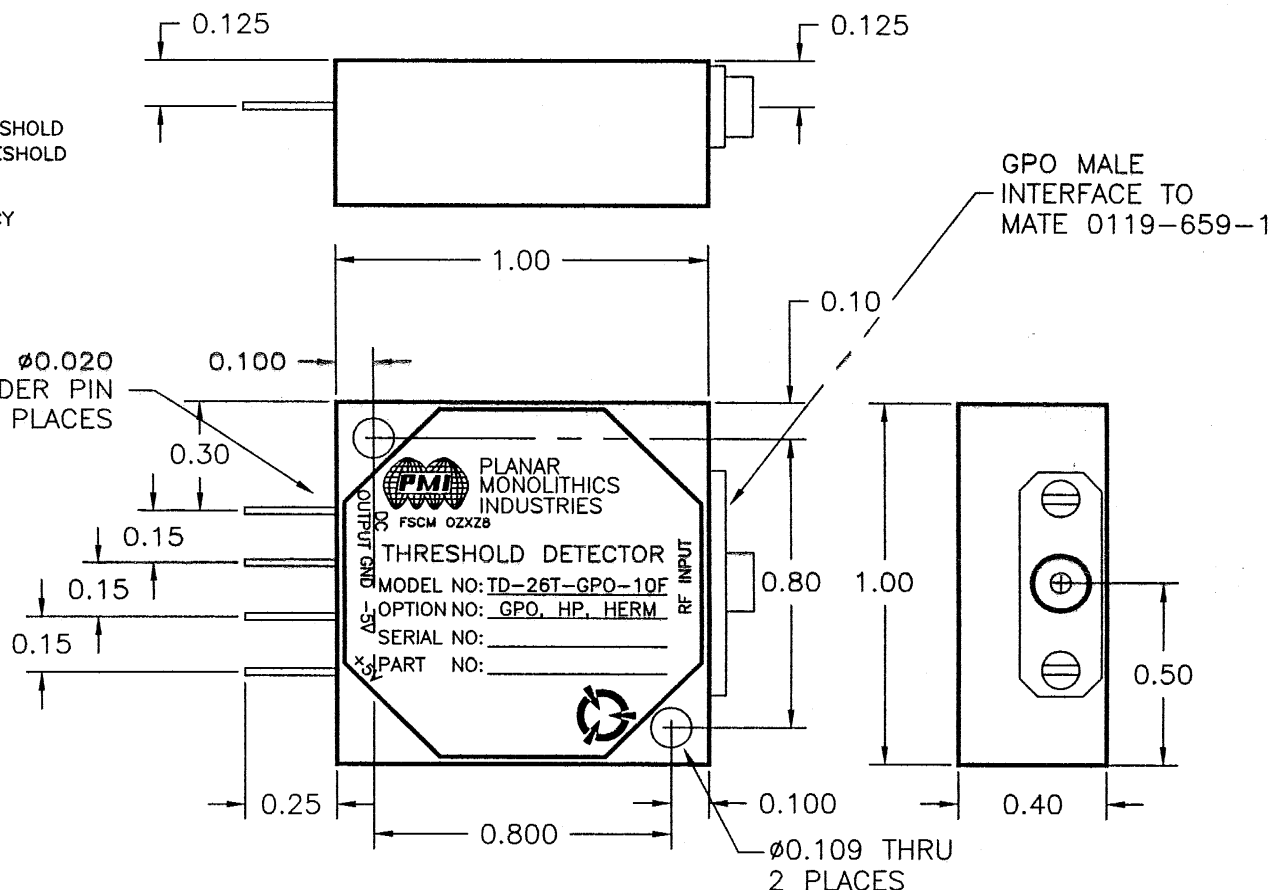
DESCRIPTION:

PMI MODEL TD-26T-GPO-10F OPTION GPO, HP, HERM IS A HIGH SPEED THRESHOLD DETECTOR DESIGNED TO OPERATE OVER THE 9 TO 10.5 GHz FREQUENCY RANGE, DETECTS -26dBm POWER LEVELS WITH A VSWR OF 2.0:1. THIS UNIT COMES IN A SMALL SIZE WITH A GPO CONNECTOR ON THE RF INPUT, SOLDER PIN ON THE DC OUTPUT AND IS HERMETICALLY SEALED FOR SEVERE MILITARY ENVIRONMENTS.

SPECIFICATIONS:

- FREQUENCY: 9.0 GHz TO 10.5 GHz
- VSWR: 2.0:1 MAXIMUM
- POWER LEVEL TO BE DETECTED: -26 dBm $\pm$ 1dB
- OUTPUT: TTL "1" FOR RF ABOVE THRESHOLD
TTL "0" FOR RF BELOW THRESHOLD
- RESPONSE TIME: 100 nSEC MAXIMUM
- STABILITY: $\pm$ 0.75dB MAXIMUM OVER TEMPERATURE AND FREQUENCY
- DC VOLTAGE: +5V @ 75 mA
-5V @ 50 mA
- RF IN CONNECTOR: GPO MALE TO MATE
WITH GPO 0119-659-1
- DC OUT CONNECTOR: SOLDER PIN
- OPERATING TEMPERATURE: -40°C TO +85°C
- SIZE: 1.00" x 1.00" x 0.40" HERMETICALLY SEALED
- WEIGHT: 1.0 OUNCE TYPICAL

Ø0.020
SOLDER PIN
4 PLACES



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°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
- BURN IN: MIL-STD-883, METHOD 1015, 100% SAMPLE
- SEAL (FINE): MIL-STD-883, METHOD 1014 CONDITION A OR C, 100% SAMPLE
- SEAL (GROSS): MIL-STD-883, METHOD 1014 CONDITION C OR D, 100% SAMPLE

ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

X.XX $\pm$ 0.020

X.XXX $\pm$ 0.010

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PART NO.		REVISIONS		
ZONE	REV.	DESCRIPTION	DATE	APPROVED
		ORIGINAL RELEASE	11/19/99	

APPROVALS		DATE
DRAWN	WSP	11/19/99
CHECKED		
ISSUED		

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
TITLE			
TD-26T-GPO-10F GPO, HP, HERM THERSHOLD DETECTOR			
SIZE	FSCM NO.	DWG NO.	REV.
A	OZXZ8	100-4845-3	-
SCALE		SHEET 1 of 1	