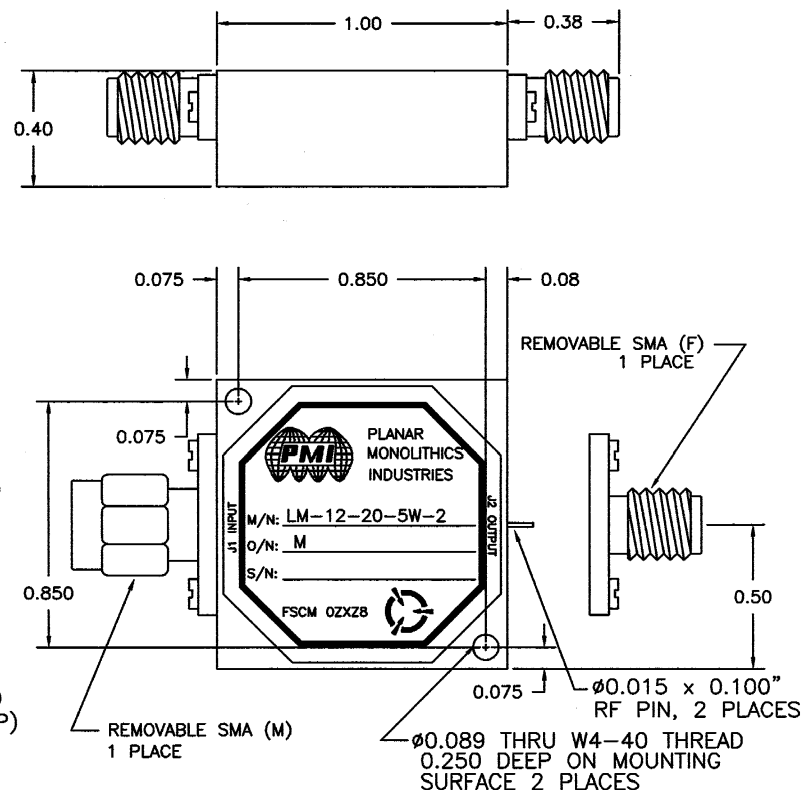
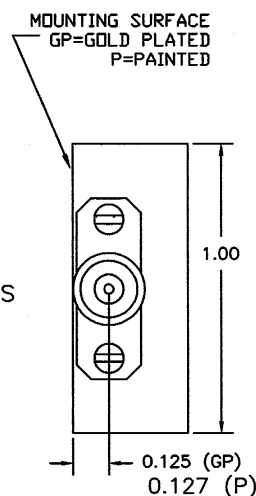


DESCRIPTION

PMI MODEL LM-12-20-5W-2 OPTION M IS AN RF POWER LIMITER WITH A FREQUENCY RANGE OF 1 TO 2 GHz, AVERAGE POWER OF 5 WATTS, LEAKAGE POWER OF LESS THAN 100 mW, INSERTION LOSS OF LESS THAN 1 dB AND VSWR OF 2.0:1. THE SIZE IS 1.00" x 1.00" x 0.40".

SPECIFICATIONS

- FREQUENCY RANGE: 1 GHz TO 2 GHz
(1090 MHz CENTER FREQUENCY)
- INSERTION LOSS: 1 dB MAXIMUM
- INPUT/OUTPUT VSWR: 2.0:1 MAXIMUM
- LEAKAGE POWER: +13 dBm
- RECOVERY TIME: 2 μ S MAXIMUM
- PEAK POWER: 400 WATTS MINIMUM
- AVERAGE POWER: 5 WATTS MINIMUM
- OPERATING TEMPERATURE: +10°C TO +55°C
- STORAGE TEMPERATURE: -30°C TO +50°C
- VIBRATION (5-55 Hz, sine): 3.55 g
- LIFETIME: GREATER THAN 15 YEARS
- SIZE: 1.00" X 1.00" X 0.40"
- WEIGHT: 1.5 OUNCES TYPICAL



ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX $\pm$ 0.020
X.XXX $\pm$ 0.010

ENVIRONMENTAL RATINGS:

- TEMPERATURE: +10°C TO +55°C (OPERATING)
-30°C TO +50°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION (5-55 Hz, sine): 3.55 g
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	-	ORIGINAL RELEASE	6/15/99

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
DRAWN <i>WSP</i>	6/15/99	OUTLINE DRAWING	
CHECKED		LM-12-20-5W-2 OPTION M	
ISSUED		RF POWER LIMITER	
SIZE		FSCM NO.	DWG NO.
A		0ZXZ8	100-4860
SCALE		N/S	SHEET 1 of 1