

DESCRIPTION

PMI MODEL LM-5D25G5D75G-18DBM-50W-PP IS A LIMITER THAT OPERATES OVER THE 5.25 TO 5.75GHz FREQUENCY RANGE. THIS LIMITER CAN HANDLE AN INPUT POWER OF 50 WATTS PEAK AND HAS A FLAT LEAKAGE OUTPUT OF +18dBm MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE: 5.25 TO 5.75GHz
- INSERTION LOSS: 1.0dB MAX.
- VSWR: 1.5:1 MAX IN 50Ω
- RF INPUT POWER: 50W PEAK MAX. @ 40% PULSE
- SPIKE LEAKAGE: +18dBm GOAL; +20dBm MAX.
- FLAT LEAKAGE: +15dBm GOAL; +18dBm MAX.
- RECOVERY TIME: 50nSec MAX. @ 50W POWER INPUT
- SIZE: 0.39 x 0.50 x 1.0 INCHES

ENVIRONMENTAL RATINGS

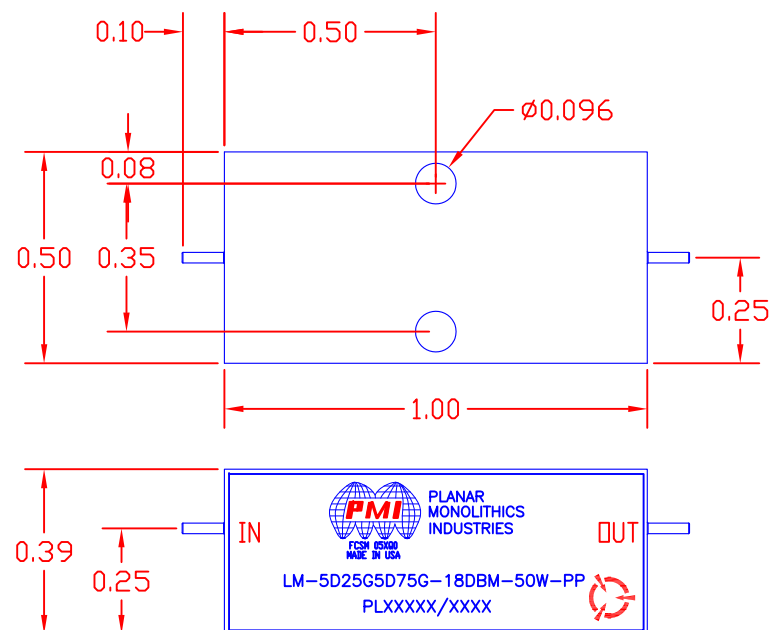
- TEMPERATURE: -50°C TO +60°C (OPERATING)
-55°C TO +100°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	-	PRELIMINARY	02/04/15
			APPROVED

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	M.Berry	02/04/15		5.25 to 5.75GHz RF LIMITER LM-5D25G5D75G-18DBM-50W-PP	
CHECKED				SIZE	FSCM NO.
ISSUED				A	05XQ0
				DWG NO.	PRELIMINARY
				SCALE	N:S
				SHEET	1 OF 1