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

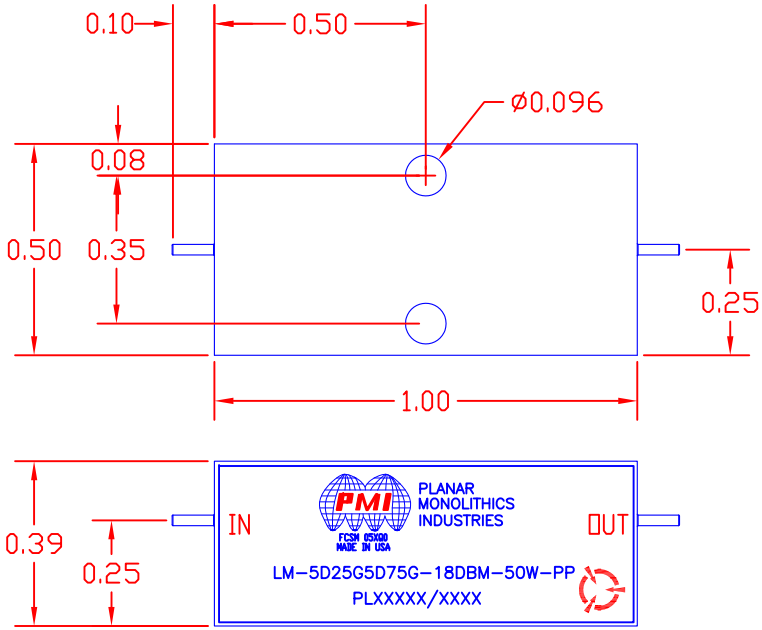
DESCRIPTION

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

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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

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 ±0.020
X.XXX ±0.010

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E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN M.Berry	02/04/15
CHECKED	
ISSUED	

TITLE: 5.25 to 5.75GHz RF LIMITER
LM–5D25G5D75G–18DBM–50W–PP

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	PRELIMINARY	–

SCALE N:S | SHEET 1 OF 1