

## DESCRIPTION

PMI MODEL NO. LM-4G5G-1W-PIN IS A LIMITER THAT OPERATES OVER THE FREQUENCY RANGE OF 4.0 TO 5.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH PINS.

## SPECIFICATIONS

- FREQUENCY RANGE: ----- 4.0 TO 5.0 GHz
- INSERTION LOSS: ----- 1 dB MAX
- VSWR: ----- 1.5:1 MAX
- CW RF POWER: ----- 1 WATT MAX
- PEAK POWER (1 us PW 0.1% DC): ----- 1000 WATTS MAX
- LEAKAGE (CW) @ 1 WATT CW: ----- 15 dBm MAX
- CONNECTORS: ----- PIN

## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -45 °C TO +85 °C (OPERATING)  
----- -55 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- 100% RH @ 35°C, 95% RH @ 40°C
- SHOCK: ----- 20 G FOR 11 msc
- VIBRATION: ----- 25 g rms (15° 2 KHz)

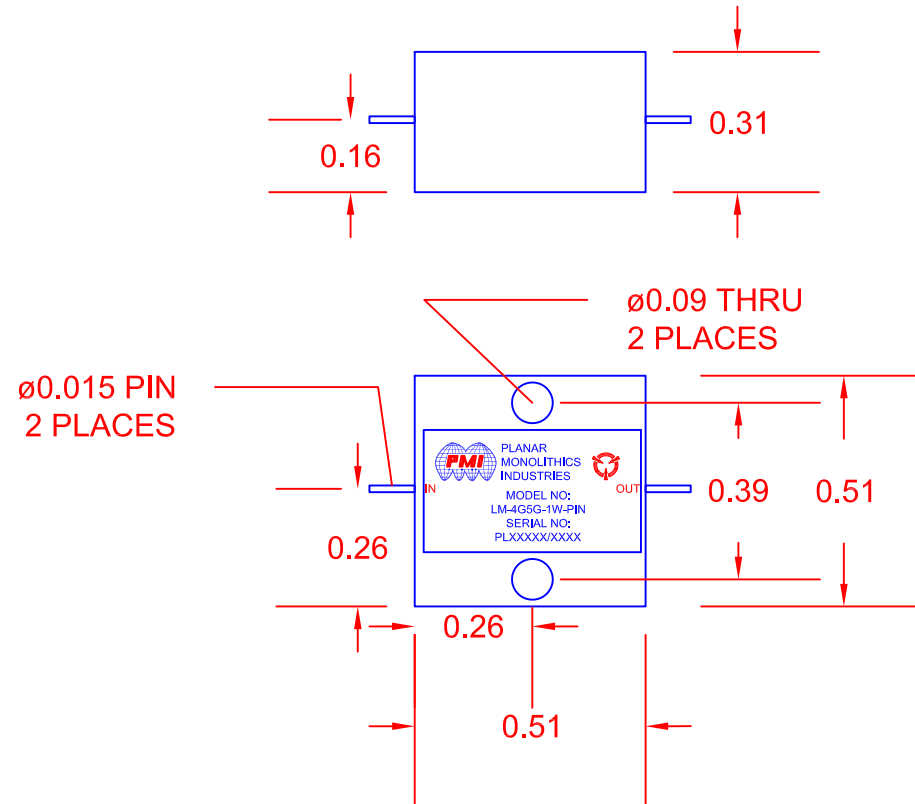
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE  
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

**PMI CONFIDENTIAL AND PROPRIETARY**

ALL DIMENSIONS  
ARE IN INCHES [mm]  
TOLERANCES:  
X,XX ±0.020  
X,XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/15/2018	

## MECHANICAL OUTLINE



**PLANAR MONOLITHICS INDUSTRIES, INC.**  
7311-F GROVE ROAD  
FREDERICK, MARYLAND 21704 USA  
TEL: (301)-662-5019, FAX: (301)-662-1731  
WEB: www.pmi-rf.com, EMAIL: sales@pmi-rf.com  
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			REV.
DRAWN <i>EW</i>		11/15/18	PRODUCT FEATURE LM-4G5G-1W-PIN			-
REDRAWN			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	
ISSUED			SCALE N:S	SHEET 1 OF 1		