

DESCRIPTION

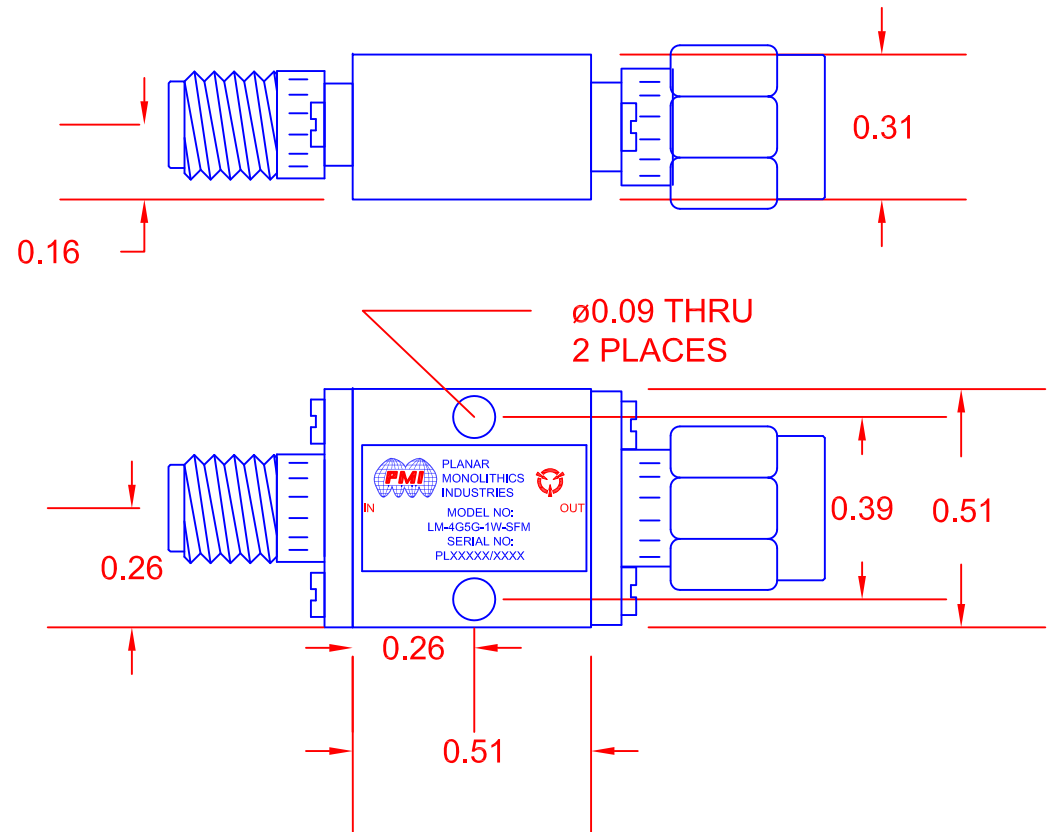
PMI MODEL NO. LM-4G5G-1W-SFM IS A LIMITER THAT OPERATES OVER THE FREQUENCY RANGE OF 4.0 TO 5.0 GHz. IT HAS A MAXIMUM INSERTION LOSS OF 1 dB AND A MAXIMUM VSWR OF 1.5:1. THIS MODEL IS OUTFITTED WITH A SMA FEMALE CONNECTOR AND A SMA MALE CONNECTOR.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	1/8/2019	

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 IN/OUT: ----- SMA FEMALE/SMA MALE

MECHANICAL OUTLINE



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

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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE LM-4G5G-1W-SFM			
APPROVALS	DATE				
DRAWN <i>EW</i>	<i>12/8/18</i>				
REDRAWN		SIZE A	FSCM NO. 05XQ0	DWG NO. 27036320	REV. A1
ISSUED		SCALE N:S		SHEET	1 OF 1