

DESCRIPTION

PMI MODEL: LM-2G6G-3W-SMF IS A COAXIAL LIMITER WITH AN OPERATING RANGE OF 2.0 TO 6.0 GHz. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 1.2 dB WITH A VSWR OF 2:1 MAXIMUM. THIS COMPACT UNIT MEASURES 0.90" x 0.38" SQUARE AND IS OUTFITTED WITH SMA CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE: --- 2.0 TO 6.0 GHz
- PIN MAX: ----- 500 WATTS PEAK
1 usec PULSE WIDTH
AVERAGE POWER 3 WATTS
- INSERTION LOSS: ----- 1.2 dB MAX, 1.0 dB GOAL
- VSWR: ----- 2:1 MAX
- LEAKAGE: ----- +18 dBm TYP, +20 dBm MAX
- CONNECTORS: ----- INPUT: SMA MALE
OUTPUT: SMA FEMALE

ENVIRONMENTAL RATINGS

IAW MIL-E-5400, CLASS 2 EQUIPMENT

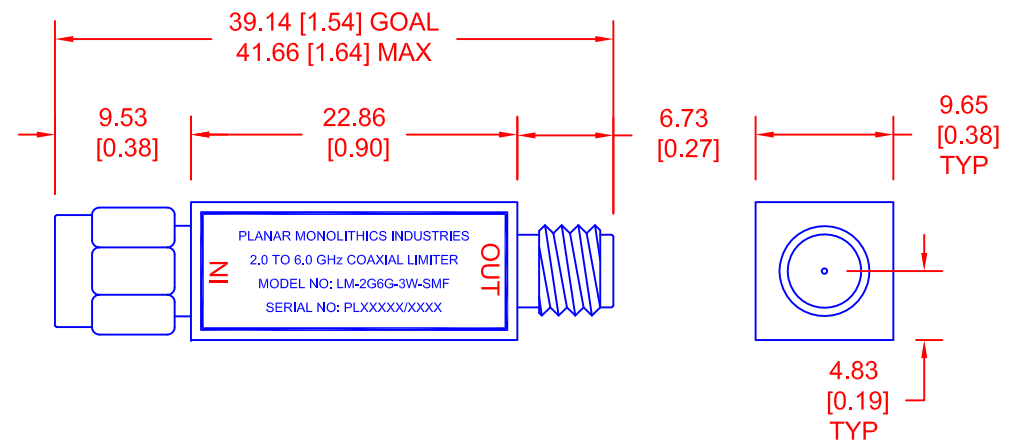
- TEMPERATURE: ----- -55 °C TO +85 °C (OPERATING)
-62 °C TO +95 °C (STORAGE)
- VIBRATION: ----- 0,1 inchpp OR ± 10G, 5 ~ 500 Hz
(FIGURE 2, SHEET 1 OF 3, CURVE IV)
- SHOCK: ----- 15G, 11±1 ms
- HUMIDITY: ----- 100%
- ALTITUDE: ----- 70,000 FT

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	9/11/18	

MECHANICAL OUTLINE



ALL DIMENSIONS
ARE IN mm [INCH]
TOLERANCES:
X.XX ± 0.508 [0.020]
X.XXX ± 0.254 [0.010]

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		
DRAWN <i>M. Berry</i>		02/12/18	PRODUCT FEATURE LM-2G6G-3W-SMF 2.0 to 6.0 GHz Coaxial Limiter		
REDRAWN <i>EW</i>		9/11/18	SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1