

## DESCRIPTION

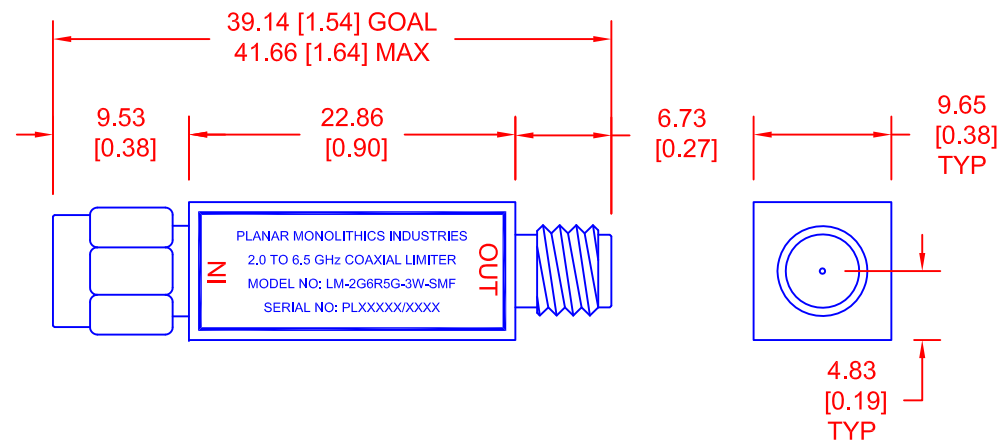
PMI MODEL: LM-2G6R5G-3W-SMF IS A COAXIAL LIMITER WITH AN OPERATING RANGE OF 2.0 GHz TO 6.5 GHz. THIS MODEL HAS A MAXIMUM INSERTION LOSS OF 1.2 dB WITH A VSWR OF 2:1 MAXIMUM. THIS COMPACT UNIT MEASURES 0.90" x 0.38" SQUARE AND IS OUTFITTED WITH SMA CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	12/5/18	

## SPECIFICATIONS

- FREQUENCY RANGE: --- 2.0 TO 6.5 GHz
- Pin MAX: ----- 500 WATTS PEAK, 1usec PULSE WIDTH  
AVERAGE POWER 3 WATTS
- INSERTION LOSS: ----- 1.2 dB MAX @ 1.0 dB GOAL
- VSWR: ----- 2:1 MAX
- RECOVERY TIME: ----- 1.0 us MAX
- LEAKAGE: ----- +18 dBm TYP, +20 dBm MAX
- CONNECTORS: ----- INPUT: SMA MALE  
OUTPUT: SMA FEMALE

## MECHANICAL OUTLINE



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

## ENVIRONMENTAL RATINGS

### IAW MIL-E-5400, CLASS 2 EQUIPMENT

- TEMPERATURE: ----- -54 °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**

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN		NJ A		02/12/18	
CHECKED					
ISSUED					
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27036100
SCALE	N:S			SHEET	1 OF 1

PRODUCT FEATURE  
LM-2G6R5G-3W-SMF  
2.0 to 6.5 GHz Coaxial Limiter

REV.  
A1