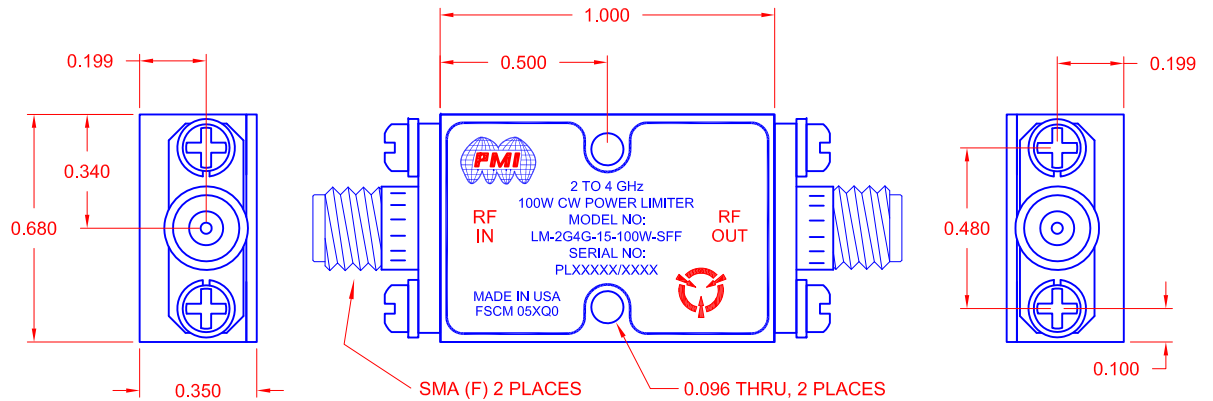


## DESCRIPTION

PMI MODEL: LM-2G4G-15-100W-SFF IS A HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 2 GHz TO 4 GHz (Usable 1 to 5GHz), WITH 100W OF CW POWER HANDLING (+50 dBm), AND PEAK POWER 250W.(+54dBm) THIS COMPACT HOUSING IS FITTED WITH SMA FEMALE CONNECTORS.

## SPECIFICATIONS

- FREQUENCY RANGE 2 GHz to 4 GHz (Usable 1 to 5GHz)
- POWER HANDLING +50 dBm CW Max. (100W)  
+54 dBm Peak 1 ms Pulse, 10% Duty Cycle (250W)
- INSERTION LOSS 1.5 dB Max.
- VSWR (IN/OUT) 2:1 Max.
- FLAT LEAKAGE POWER +21 dBm Typ
- RECOVERY TIME 1  $\mu$ s Max.
- CONNECTORS SMA FEMALE
- PACKAGE SIZE 1.00" x 0.68" x 0.35"
- PACKAGE FINISH BLUE PAINT



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/10/20	

## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -40 °C TO +85 °C (OPERATING)  
-55 °C TO +125 °C (STORAGE)
- HUMIDITY: ----- MIL-STD-202, METHOD 103B COND. B
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. B
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. A

**PMI CONFIDENTIAL AND PROPRIETARY**

**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 NJA		9/10/20	PRODUCT FEATURE LM-2G4G-15-100W-SFF 2 to 4 GHz 100W CW Power Limiter		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27034646
ISSUED			SCALE N:S	SHEET	1 OF 1
				REV. A1	