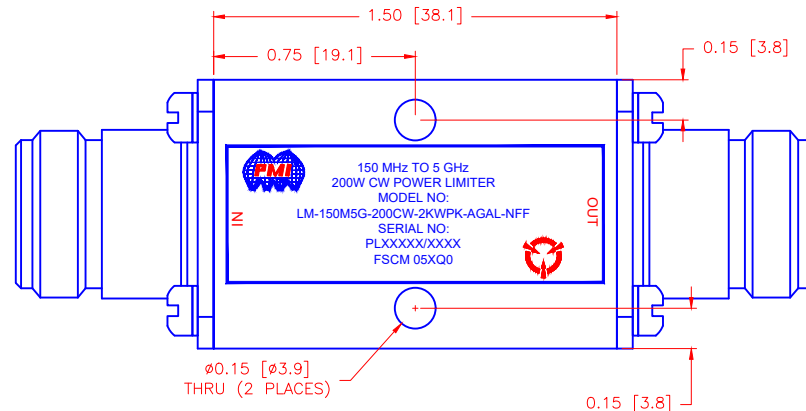
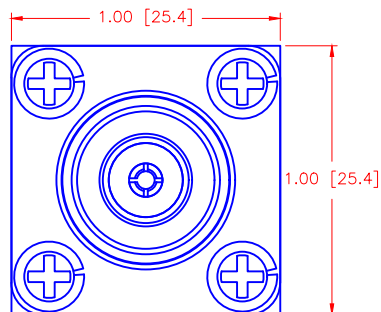


DESCRIPTION

PMI MODEL: LM-150M5G-200CW-2KWPK-AGAL-NFF IS A ULTRA HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 150 MHz TO 5 GHz, WITH 200W OF CW POWER HANDLING (+53 dBm), AND PEAK POWER 2KW TYPICALLY (+63 dBm), 25µs PW, 5% DUTY CYCLE. THIS COMPACT HOUSING IS FITTED WITH N-TYPE FEMALE CONNECTORS.

SPECIFICATIONS

- FREQUENCY RANGE 150 MHz to 5 GHz
- POWER HANDLING 200 Watts CW (+53 dBm) Typ. * Note 1
2kW Peak Power (+63 dBm) Typ. * Note 2
(25 µs PW, 5% Duty Cycle)
- INSERTION LOSS 2.00 dB Max. (150MHz to 300 MHz)
1.50 dB Max. (300MHz to 5 GHz)
- VSWR (IN/OUT) 1.70:1 Max.
- FLAT LEAKAGE POWER +20 dBm Typ.
- P1dB +6 dBm Min.
- RECOVERY TIME 100 ns Max.
- CONNECTORS N-TYPE FEMALE
- PACKAGE SIZE 1.50" x 1.00" x 1.00"
- PACKAGE FINISH BLUE PAINT



- * NOTE 1: Tested up to 100 Watts CW from 150 MHz to 5 GHz, (Theoretically it can handle 200 Watts CW Typically From 150MHz to 5GHz)
- * NOTE 2: Tested Pulse Peak Power From 150 MHz to 5 GHz, (Theoretically it can handle 2kW Peak Power Typically 25µs PW, 5% Duty Cycle for Frequency Range 150MHz to 5GHz)

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


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

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	3/11/21	

PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
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ISO 9001 CERTIFIED

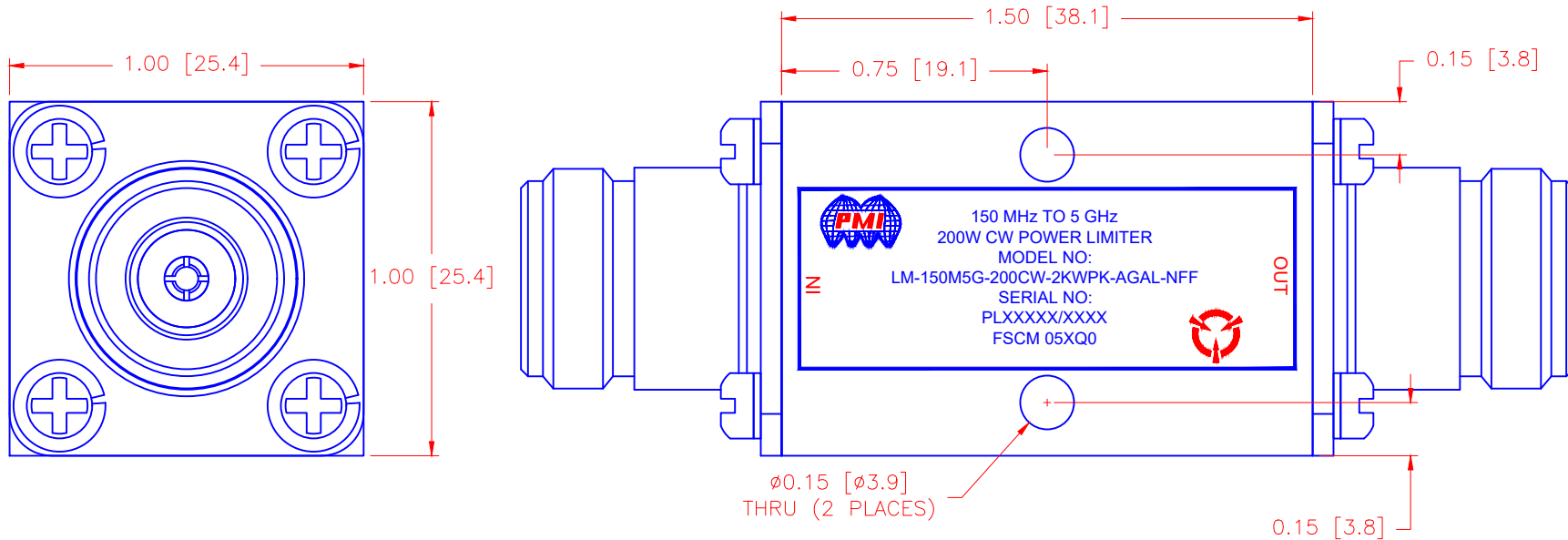


APPROVALS		DATE	TITLE		
DRAWN SMH		3/11/21	PRODUCT FEATURE LM-150M5G-200CW-2KWPK-AGAL-NFF 150 MHz to 5 GHz 200W CW Power Limiter		
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. 27041360
ISSUED					REV. A1
SCALE N:S			SHEET 1 OF 2		

DESCRIPTION

PMI MODEL: LM-150M5G-200CW-2KWPK-AGAL-NFF IS A ULTRA HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 150 MHz TO 5 GHz, WITH 200W OF CW POWER HANDLING (+53 dBm), AND PEAK POWER 2KW TYPICALLY (+63 dBm), 25µs PW, 5% DUTY CYCLE. THIS COMPACT HOUSING IS FITTED WITH N-TYPE FEMALE CONNECTORS.

MECHANICAL OUTLINE



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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS		DATE	TITLE			
DRAWN SMH		8/11/21	PRODUCT FEATURE LM-150M5G-200CW-2KWPK-AGAL-NFF 150 MHz to 5 GHz 200W CW Power Limiter			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27041360	A1
			SCALE	N:S	SHEET	2 OF 2