

## DESCRIPTION

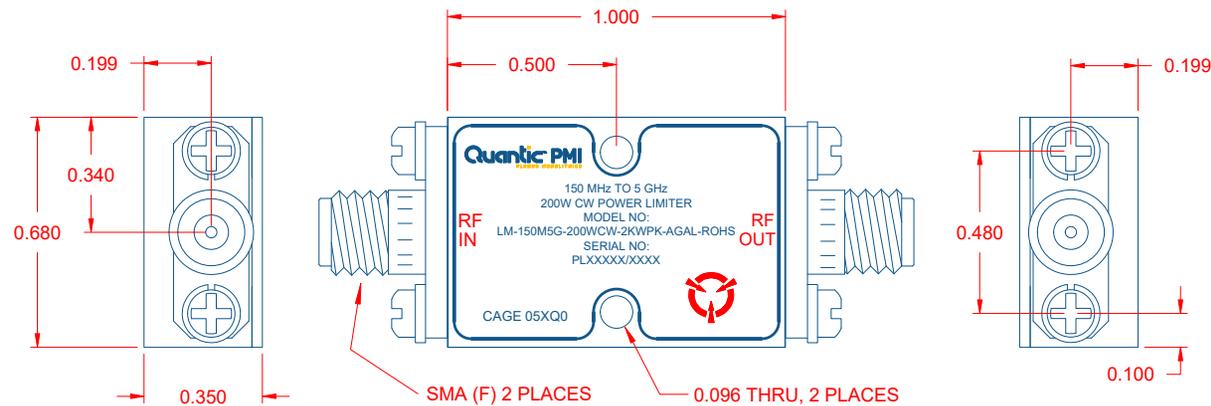
PMI MODEL: LM-150M5G-200CW-2KWPK-AGAL-ROHS IS A ULTRA HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 150 MHz TO 5 GHz, WITH 200W OF CW POWER HANDLING (+53 dBm), AND PEAK POWER 2KW TYPICALLY (+63 dBm), 25µs PW, 5% DUTY CYCLE. THIS COMPACT HOUSING IS FITTED WITH SMA FEMALE CONNECTORS.

## 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)	1.9:1 Max.
• FLAT LEAKAGE POWER	+20 dBm Typ.
• P1dB	+6 dBm Min.
• RECOVERY TIME	100 ns Max.
• CONNECTORS	SMA FEMALE
• PACKAGE SIZE	1.00" x 0.68" x 0.35"
• 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)



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	07/17/23	
	B1	ECN # 25-0232	08/13/25	

## ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °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

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**Quantic PMI**  
PARALLEL MONOLITHICS

APPROVALS		DATE	TITLE			
DRAWN		07/17/23	OUTLINE LM-150M5G-200CW-2KWPK-AGAL-ROHS			
REDRAWN			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27046860	B1
			SCALE	N:S	SHEET	1 OF 1