

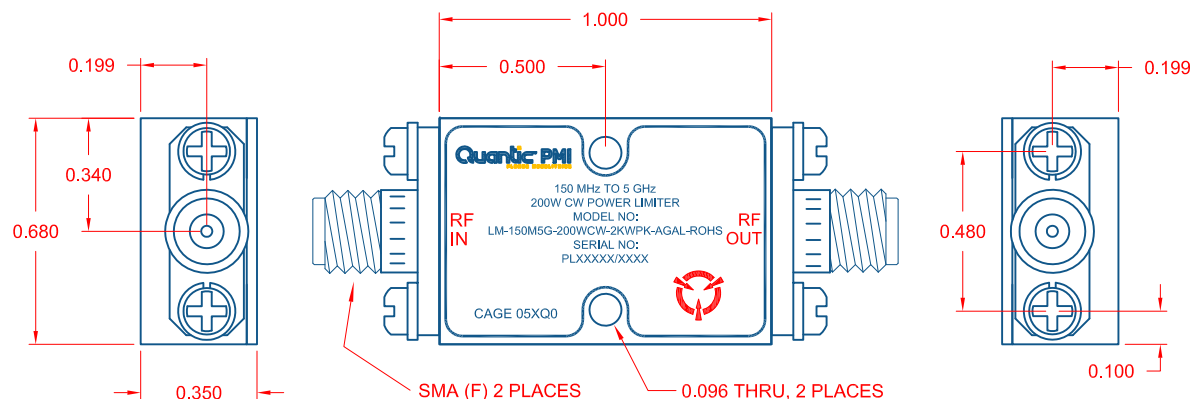
PMI MODEL: LM-150M5G-200CW-2KWPK-AGAL-ROHS IS A ULTRA HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 150 MHz TO 5 GHz, WITH 200W OF CW POWER HANDLING (+53 dBm), AND PEAK POWER 2KW TYPICALLY (+63 dBm), 25μs PW, 5% DUTY CYCLE. THIS COMPACT HOUSING IS FITTED WITH SMA FEMALE CONNECTORS.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	07/17/23	

● 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 μ s 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	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



- 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

7309-A GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: (301)-662-5019, FAX: (301)-662-1731
WEB: www.quantipmi.com
EMAIL: sales@quantipmi.com
ISO 9001 CERTIFIED



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

PMI CONFIDENTIAL AND PROPRIETARY

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150 MHz TO 5 GHz
200W CW POWER LIMITER

RF
IN

MODEL NO:
LM-150M5G-200WCW-2KWPK-AGAL-ROHS

SERIAL NO:
PLXXXXX/XXXX

RF
OUT

CAGE 05XQ0



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APPROVALS		DATE		TITLE	
DRAWN		MDL		07/17/23	
REDRAWN				LABEL	
ISSUED				LM-150M5G-200CW-2KWPK-AGAL-ROHS	
SIZE	A	FSCM NO.	05XQ0	DWG NO.	27246860
SCALE	N:S			SHEET	1 OF 1

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