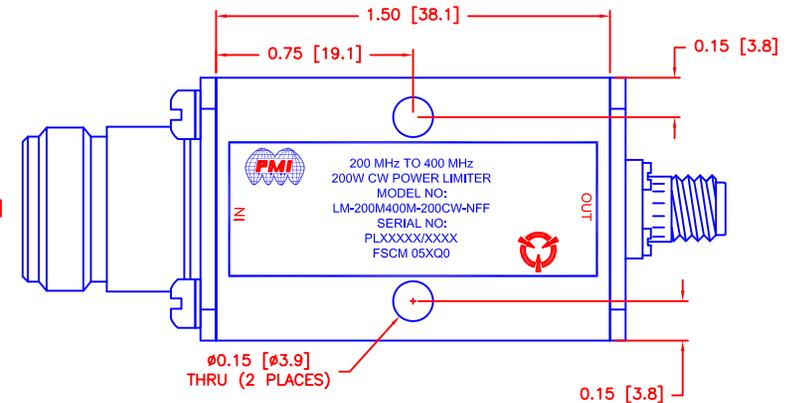
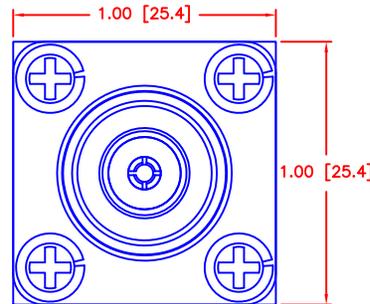


## DESCRIPTION

PMI MODEL: LM-200M400M-200CW-NFF IS A ULTRA HIGH POWER LIMITER OPERATING IN THE FREQUENCY RANGE 200 MHz TO 400 MHz, WITH 200W OF CW POWER HANDLING (+53 dBm), AND PEAK POWER 2KW TYPICALLY (+63 dBm), 25µs PW, 5% DUTY CYCLE.

## SPECIFICATIONS

- FREQUENCY RANGE 200 MHz to 400 MHz GHz
- POWER HANDLING 200 Watts CW (+53 dBm) Typ.  
2kW Peak Power (+63 dBm) Typ.  
(25 µs PW, 5% Duty Cycle)
- INSERTION LOSS 2.00 dB Max. (150MHz to 300 MHz)
- VSWR (IN/OUT) 1.50:1 Max.
- FLAT LEAKAGE POWER +20 dBm Typ.
- P1dB +6 dBm Min.
- RECOVERY TIME 100 ns Max.
- CONNECTORS INPUT: N-TYPE FEMALE  
OUTPUT: SMA FEMALE
- PACKAGE SIZE 1.50" x 1.00" x 1.00"
- PACKAGE FINISH BLUE PAINT



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	2/11/22	

## 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**

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ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE			
DRAWN AF		2/11/22	PRODUCT FEATURE LM-200M400M-200CW-NFF 200 MHz to 400 MHz 200W CW Power Limiter			
CHECKED			SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIMINARY	REV. -
ISSUED			SCALE N:S		SHEET 1 OF 1	