

DESCRIPTION

PMI MODEL LM-0R4G5G5G-20W-SFF-OPT400M500M IS A RF LIMITER THAT OPERATES IN THE 400 TO 500MHZ FREQUENCY RANGE. THIS LIMITER CAN HANDLE 20W CW INPUT POWER AND PROVIDES A TYPICAL LEAKAGE OF +13DBM. THIS MODEL HAS A LOW INSERTION LOSS OF 1.0DB TYPICAL AND A RECOVERY TIME OF 10NSEC TYPICAL.

SPECIFICATIONS

- FREQUENCY RANGE:.....400 to 500 MHz
- INSERTION LOSS:.....1.0 dB TYPICAL
- INPUT/OUTPUT VSWR:.....2.0:1 MAXIMUM
- IMPEDANCE:.....50 OHMS
- INPUT POWER:20 WATTS CW MAXIMUM
200W PEAK, 10% DUTY CYCLE, 1uS PW
- FLAT LEAKAGE POWER:13dBm TYPICAL
- RECOVERY TIME:10nsec TYPICAL
- RF CONNECTORS:.....SMA FEMALE
- FINISH:EPOXY PAINT BLUE

OPTIONS:

- FREQUENCY RANGE:.....400 to 5550 MHz
MODEL NO. LM-0R4G5G5G-20W-SFF

ENVIRONMENTAL RATINGS

- TEMPERATURE:.....-40°C TO +70°C (OPERATING)
.....-65°C TO +125°C (STORAGE)
- HUMIDITY:..... MIL-STD-202F, METHOD 103B COND. B
- SHOCK:..... MIL-STD-202F, METHOD 213B COND. B
- VIBRATION:..... MIL-STD-202F, METHOD 204B COND. B
- ALTITUDE:..... MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: .. MIL-STD-202F, METHOD 107D COND. A

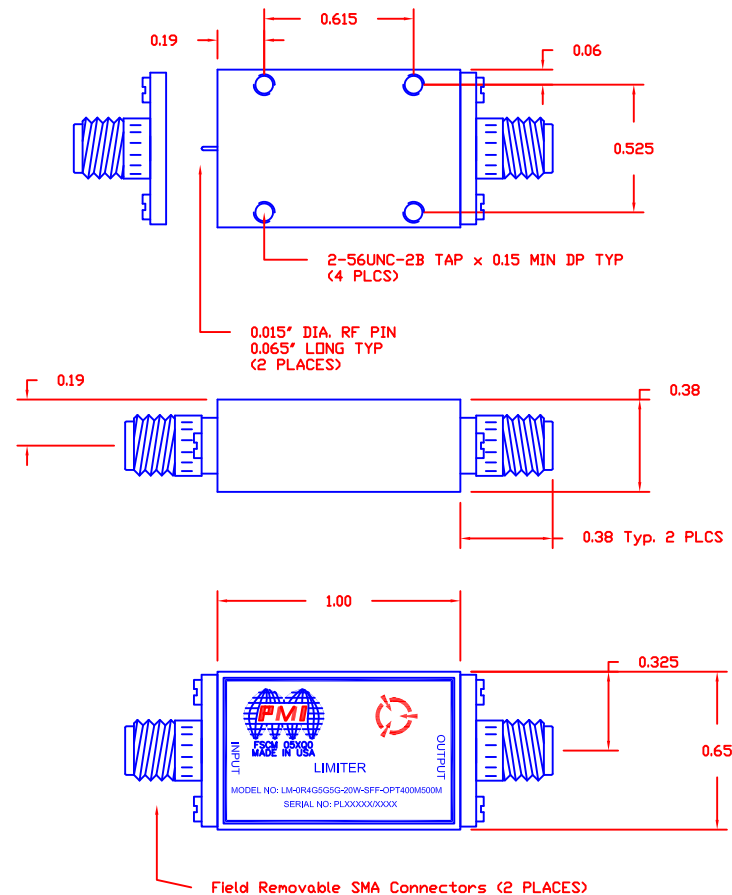
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

PMI CONFIDENTIAL AND PROPRIETARY

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	11/6/11	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN	X. MASON		11/6/11	OUTLINE DRAWING	
CHECKED				LM-0R4G5G5G-20W-SFF-OPT400M500M	
ISSUED				PRELIMINARY	
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		PRELIMINARY	
SCALE		N: S		SHEET	
				1 OF 1	