

DESCRIPTION

PMI MODEL NO. LM-400M4G-20CW-220WP-SFF-PE2 IS A HIGH POWER LIMITER THAT WORKS FROM 400 MHz TO 4000 MHz AND HANDLES INPUT POWER LEVELS OF 20 W CW AND 220 W PEAK, 10% DUTY CYCLE, 1 USEC PULSE WIDTH.

SPECIFICATIONS

- FREQUENCY RANGE: 400 TO 4000 MHz
- INSERTION LOSS: 1.2 dB TYPICAL
- MAX PEAK POWER: 220 WATTS, 10% DUTY CYCLE, 1 USEC PW
- MAX AVERAGE POWER: 20 WATTS CW
- LEAKAGE POWER: +13 dBm TYPICAL
- RECOVERY TIME: 10 ns TYPICAL
- VSWR: 1.5:1 TYPICAL
- DC BLOCKING: INPUT AND OUTPUT
- CONNECTORS: SMA FEMALE REMOVABLE
- SIZE: 1.08" x 0.71" x 0.29"
EXCLUDING CONNECTORS
- FINISH: GOLD PLATED

ENVIRONMENTAL RATINGS

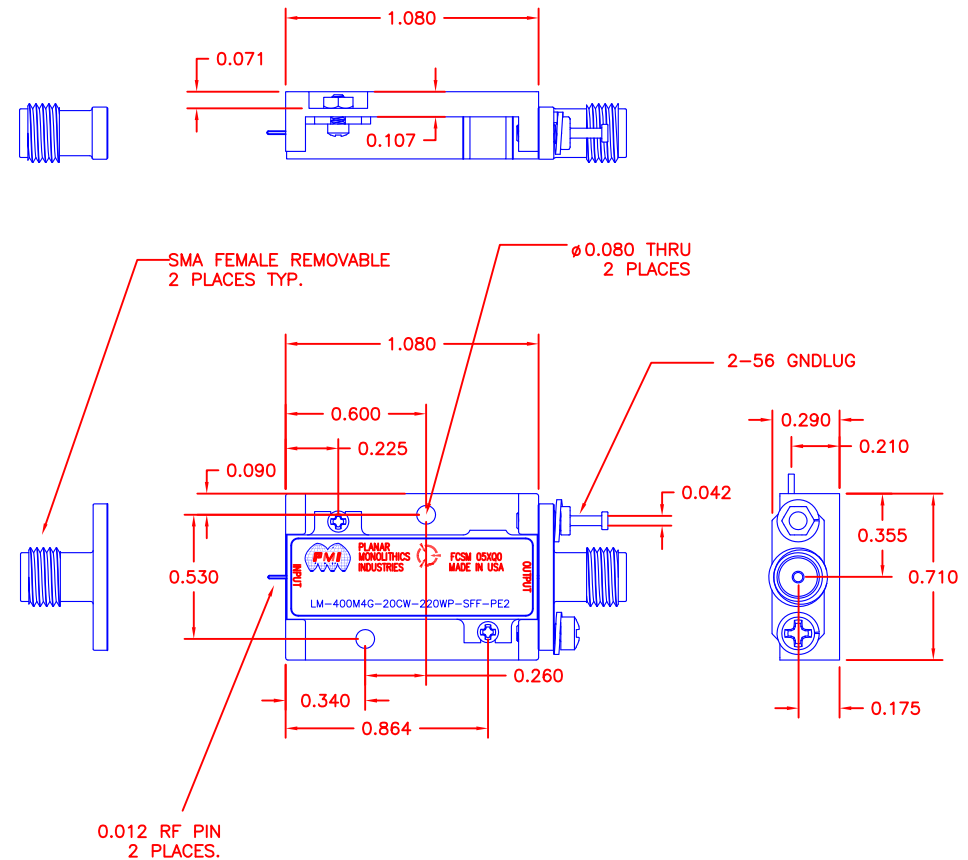
- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204B COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

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

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	—	PRELIMINARY	7/2/18

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		7/2/18		PRODUCT FEATURE			
CHECKED				LM-400M4G-20CW-220WP-SFF-PE2			
ISSUED				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE	N:S	SHEET	1 OF 1