

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL LM-400M4G-20CW-220WP-SMF IS A HIGH POWER LIMITER THAT WORKS FROM 400MHz TO 4000MHz AND HANDLES INPUT POWER LEVELS OF 20W CW AND 220W PEAK, 10% DUTY CYCLE, 1USEC PULSE WIDTH.

SPECIFICATIONS:

- FREQUENCY:..... 400 TO 4000 MHz
- INSERTION LOSS:..... 1.2 dB TYP.
- MAX. PEAK POWER:..... 220 WATTS, 10% DUTY CYCLE, 1USEC PW
- MAX. AVERAGE POWER:..... 20 WATTS CW
- LEAKAGE POWER:..... +13 dBm TYP.
- RECOVERY TIME 10NSEC TYP.
- VSWR: 1.5:1 TYP.
- DC BLOCKING:..... INPUT AND OUTPUT
- CONNECTORS:..... 2.92mm (M) Input and 2.92mm (F) Output
- SIZE:..... 1.314 (LENGTH) X .375 (DIAMETER)
- WEIGHT:..... <1 OZ. TYPICAL

OPTIONS:

- OPT400M6G:..... 400 TO 6000 MHz

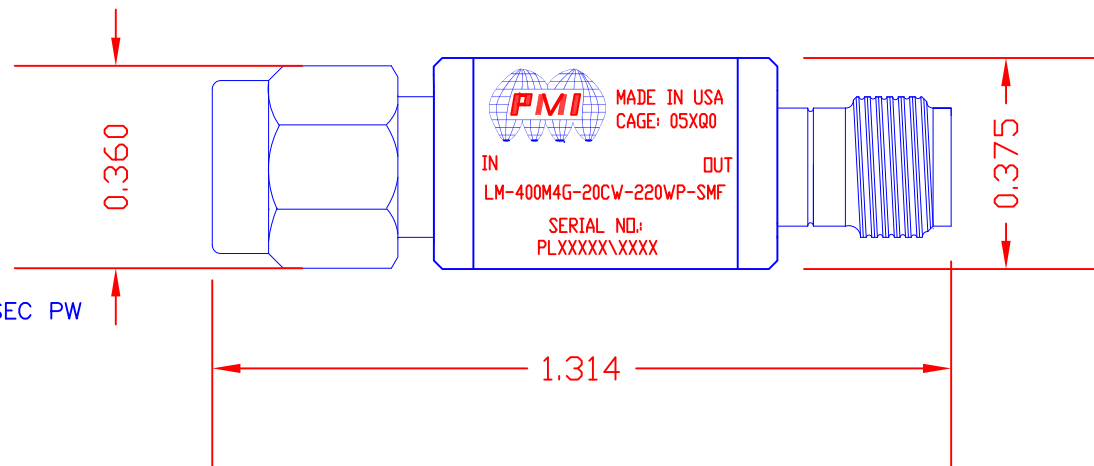
ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +85°C
-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: 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	11/26/14



PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE		TITLE			
DRAWN		6/22/10		PRODUCT FEATURE			
CHECKED				LM-400M4G-20CW-220WP-SMF			
ISSUED				HIGH POWER LIMITER			
				SIZE	FSCM NO.	DWG NO.	REV.
				A	05XQ0	PRELIMINARY	—
				SCALE N:S		SHEET 1 OF 1	