

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL LM-80M600M-C3-1-OPTSFM IS A HIGH POWER LIMITER THAT WORKS FROM 80MHz TO 600 MHz. THIS LIMITER HANDLES 5 WATTS CW WITH A LEAKAGE POWER OF +10 dBm MAXIMUM.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	6/12/19	

SPECIFICATIONS:

- FREQUENCY: 80 TO 600 MHz
- INSERTION LOSS: 1.2 dB (MAX.)
- PEAK POWER: 5 WATTS CW @ +25 C
- LEAKAGE POWER: +10 dBm MAX.
- RECOVERY TIME 1us MAX.
- VSWR: 1.5:1 (MAX.)
- DC BLOCKING: INPUT AND OUTPUT
- CONNECTORS: 2.92mm (M) Input and 2.92mm (F) Output
(Compatible with SMA Connectors)
- SIZE: 1.314 (LENGTH) X .375 (DIAMETER)
- WEIGHT: <1 OZ. TYPICAL

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO +125°C (OPERATING) DERATE POWER HANDLING TO ZERO @ +125 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

PMI CONFIDENTIAL AND PROPRIETARY

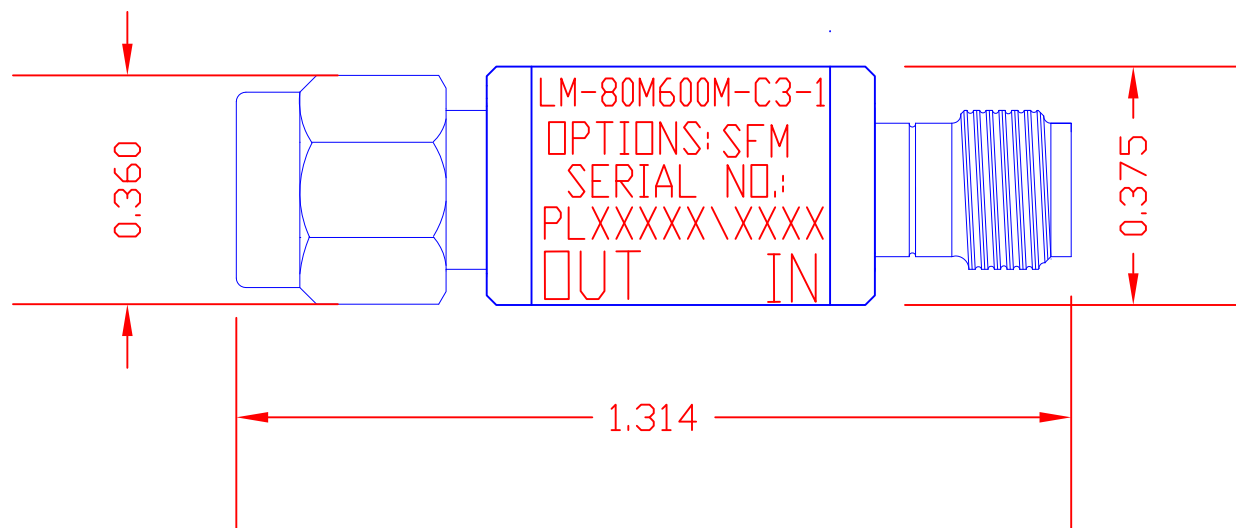
PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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



APPROVALS		DATE	TITLE			
DRAWN		6/22/10	PRODUCT FEATURE			
REDRAWN		6/12/19	LM-80M600M-C3-1-OPTSFM			
ISSUED			HIGH POWER LIMITER			
			SIZE	FSCM NO.	DWG NO.	REV.
			A	05XQ0	PRELIMINARY	-
			SCALE	N:S	SHEET	1 OF 1