

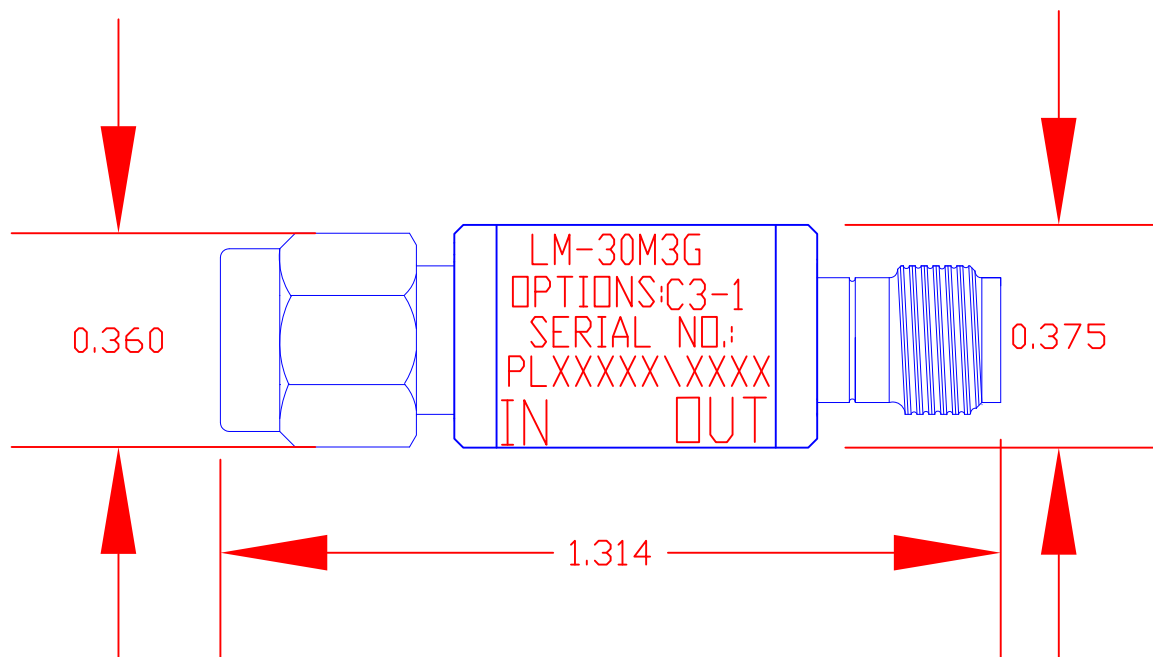
DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL LM-30M3G-C3-1 IS A HIGH POWER LIMITER THAT WORKS FROM 30MHz TO 3GHz. THIS LIMITER HANDLES 5 WATTS CW WITH A LEAKAGE POWER OF +10 dBm TYP..

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	1	ORIGINAL RELEASE	8/12/14
A1		ECN # 14-0191	11/24/14

SPECIFICATIONS:

- FREQUENCY:..... 30MHz TO 3GHz
- INSERTION LOSS:..... 1.2 dB (MAX.)
- PEAK POWER:..... 5 WATTS CW @ +25 C
- LEAKAGE POWER:..... +10 dBm TYP.
- RECOVERY TIME 1us MAX.
- VSWR: 1.5:1 (MAX.)
- 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



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		8/12/14	PRODUCT FEATURE LM-30M3G-C3-1 HIGH POWER LIMITER			
CHECKED			SIZE	FSCM NO.	DWG NO.	REV.
ISSUED			A	05XQ0	27023104	A1
			SCALE N:S		SHEET 1 OF 1	