

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	APPROVED
	1	ORIGINAL RELEASE	8/12/14	
	A1	ECN # 14-0191	11/24/14	
	A2	ECN # 23-0082	4/27/23	

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
- FINISH ALBALOY PLATED

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

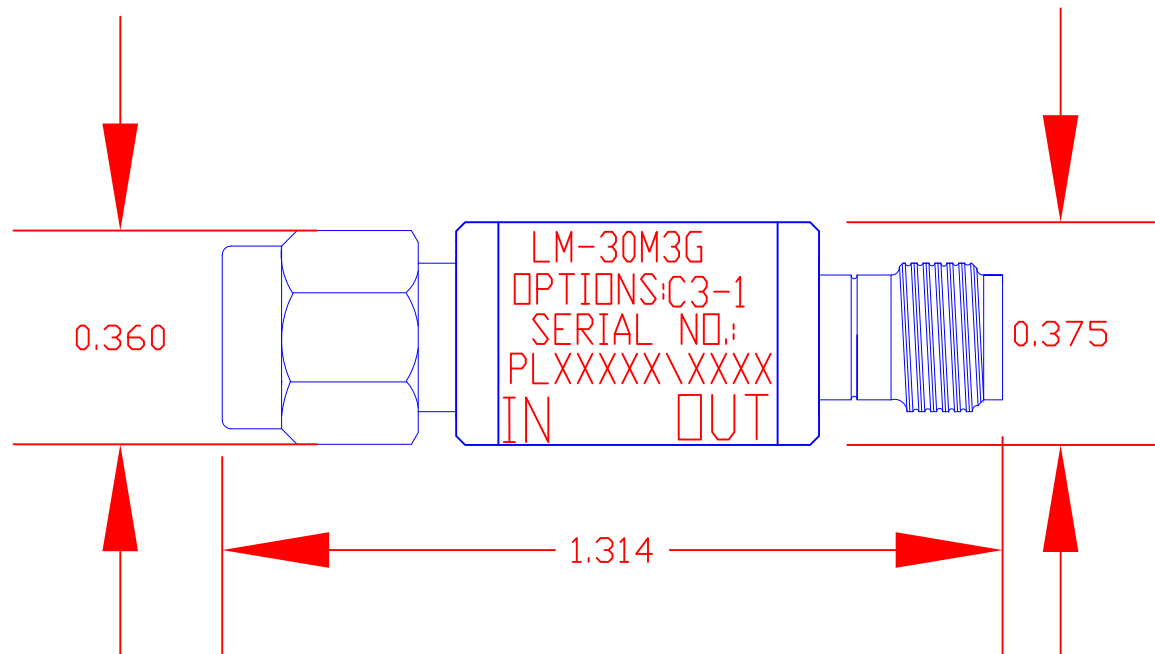
PMI CONFIDENTIAL AND PROPRIETARY

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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			
CHECKED				LM-30M3G-C3-1			
ISSUED				HIGH POWER LIMITER			
		SIZE	FSCM NO.	DWG NO.			
		A	05XQ0	27023104			
		SCALE N:S		SHEET		1 OF 1	