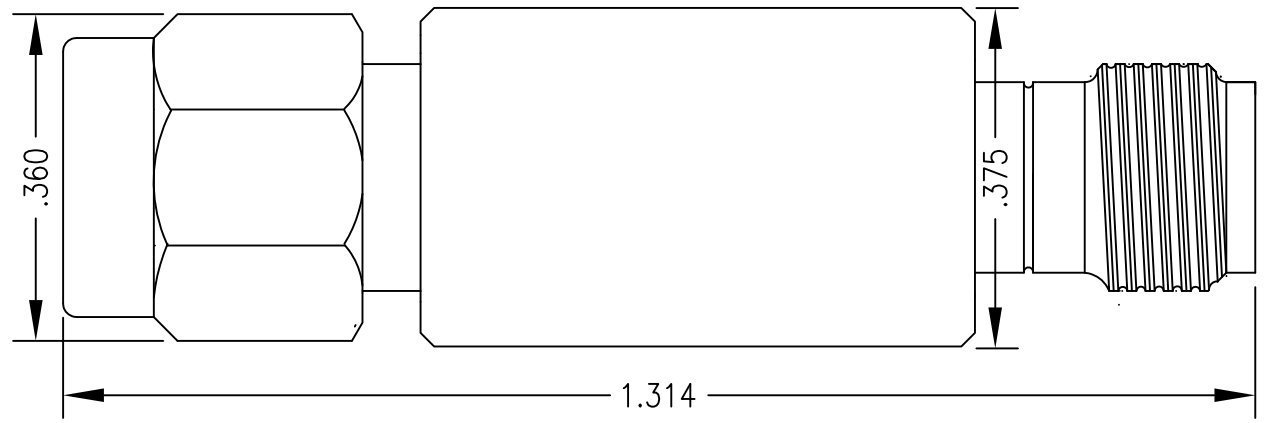
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	–	PRELIMINARY	1/17/13	

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 MAXIMUM.



SPECIFICATIONS:

- FREQUENCY: ..... 30MHz TO 3GHz
- 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: ..... SMA MALE INPUT AND FEMALE OUTPUT
- SIZE: ..... 1.314 X .375 X .375
- 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

CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.010
X.XXX ±0.005

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND			
APPROVALS	DATE	TITLE	PRODUCT FEATURE LM–30M3G–C3–1 HIGH POWER LIMITER		
DRAWN S.PALACIO	1/17/13	SIZE A	FSCM NO. 05XQ0	DWG NO. PRELIM	REV. –
CHECKED		SCALE N:S		SHEET 1 of 1	
ISSUED					