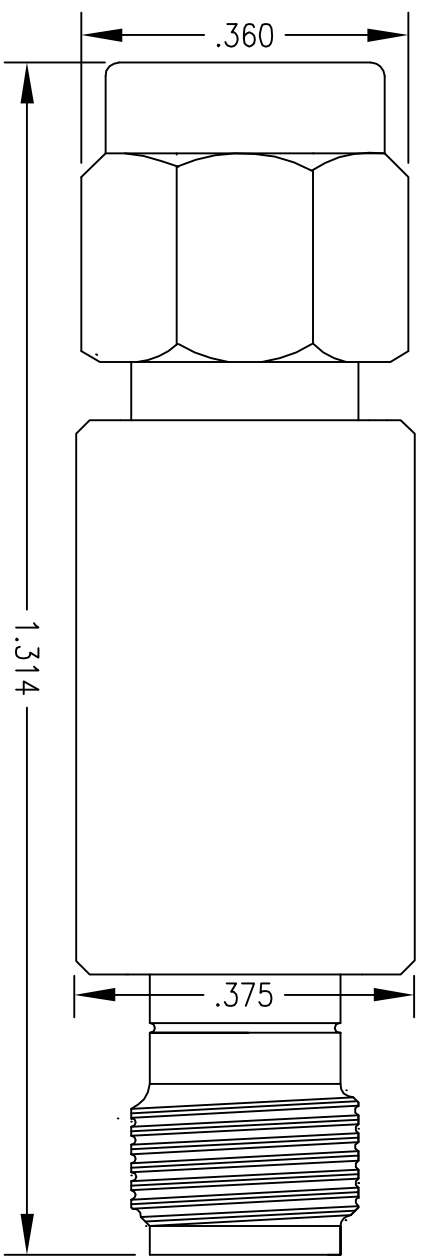


REVISIONS			DATE	APPROVED
ZONE	REV.	DESCRIPTION		
A		ORIGINAL RELEASE	6/22/10	

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



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 1usec 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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PART NO.		TITLE		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	PRODUCT FEATURE		LM-80M600M-C3-1	
DRAWN <i>JCM</i>	6/22/10	HIGH POWER LIMITER		27013281	
CHECKED		SIZE	FSCM NO.	DWG NO.	REV.
		A	05X00	27013281	A
ISSUED		SCALE	N:S	SHEET	1 of 1

CONFIDENTIAL AND PROPRIETARY