

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-6G18G-15-10W-SFF IS A HIGH POWER LIMITER THAT WORKS FROM 6 GHz TO 18.0 GHz THAT HANDLES 10 WATTS CW POWER. THE LEAKAGE POWER IS +15dBm TYPICAL.

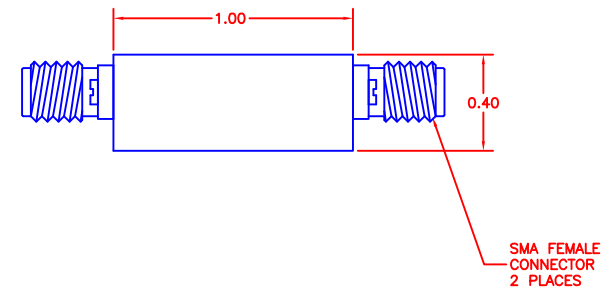
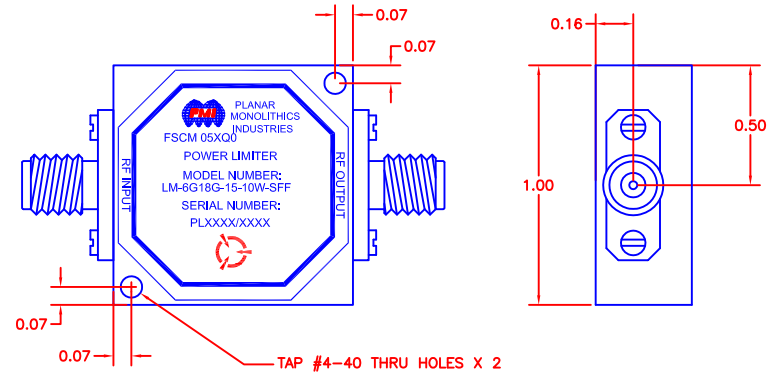
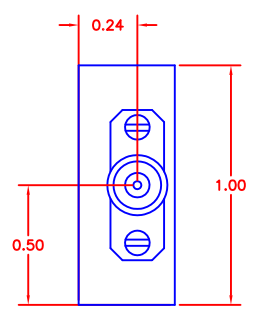
SPECIFICATIONS:

- FREQUENCY: 6 TO 18.0 GHz
- INSERTION LOSS: 2.5 dB (TYPICAL) @ 0dBm
- PEAK POWER: 10 WATTS CW
- LEAKAGE POWER: +15 dBm TYPICAL
- CONNECTORS: SMA FEMALE (INPUT AND OUTPUT)
- SIZE: 1.00 X 1.00 X .500 (H)
- WEIGHT: 1.5 OZ. TYPICAL
- FINISH: GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.

ENVIRONMENTAL RATINGS

- TEMPERATURE: -55°C TO + 85°C (OPERATING)
-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 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION



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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	04/14/10	
	A2	ECN # 14-0087	06/21/14	
	A3	ECN # 14-0186	11/19/14	
	A4	ECN # 16-0201	12/19/16	

MECHANICAL OUTLINE

PMI CONFIDENTIAL AND PROPRIETARY

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>JLJ</i>		06/21/14	PRODUCT FEATURE		
CHECKED			LM-6G18G-15-10W-SFF		
ISSUED			SIZE	FSCM NO.	DWG NO.
			A	05XQ0	27012821
			SCALE	N:S	SHEET 1 OF 1
					REV. A4