

## 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

## ENVIRONMENTAL RATINGS

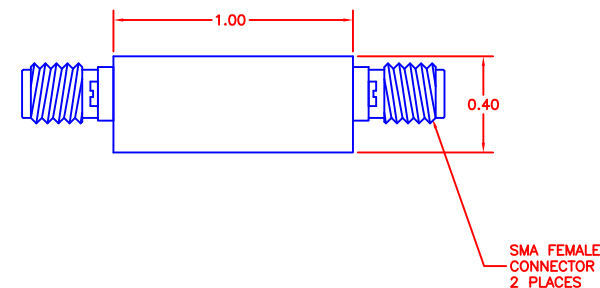
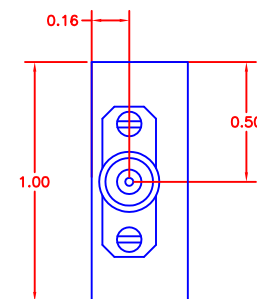
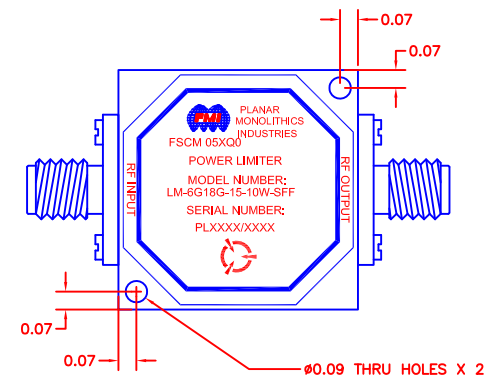
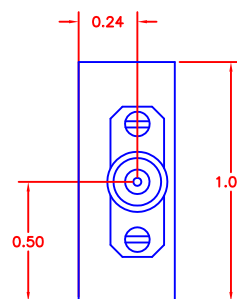
- TEMPERATURE: -55°C TO + 85°C (OPERATING)  
-65°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. 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 |          |

## MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

## PLANAR MONOLITHICS INDUSTRIES, INC.

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ISO 9001 CERTIFIED



| APPROVALS |  | DATE     |  | TITLE               |          |          |        |
|-----------|--|----------|--|---------------------|----------|----------|--------|
| DRAWN     |  | 06/21/14 |  | PRODUCT FEATURE     |          |          |        |
| CHECKED   |  |          |  | LM-6G18G-15-10W-SFF |          |          |        |
| ISSUED    |  |          |  | SIZE                | FSCM NO. | DWG NO.  | REV.   |
|           |  |          |  | A                   | 05XQ0    | 27012821 | A2     |
|           |  |          |  | SCALE               | N:S      | SHEET    | 1 OF 1 |