DESCRIPTION

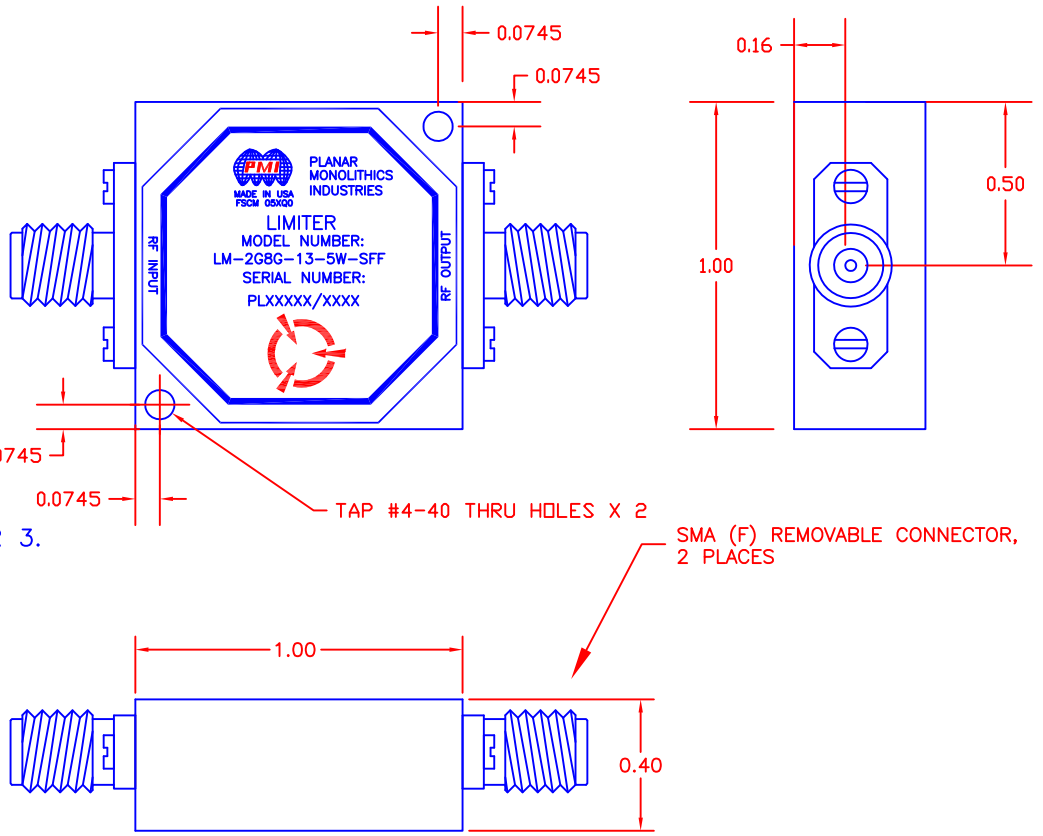
PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-2G8G-13-5W-SFF IS A HIGH POWER LIMITER THAT WORKS FROM 2 TO 8 GHz.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	08/01/12	
	A2	ECN # 14-0090	06/21/14	
	A3	ECN # 14-0186	11/19/14	

SPECIFICATIONS:

- FREQUENCY: ——— 2 TO 8 Ghz
- INPUT POWER: ——— 5 WATTS CW MAX
- LEAKAGE: ——— +13dBm MAX
- RECOVERY TIME: ——— 40ns MAX
- INSERTION LOSS @-20dBm
  INPUT POWER: ——— 1dB TYP
- VSWR @-20dBm
  INPUT POWER: ——— 2.0:1 MAX
- CONNECTORS: ——— SMA FEMALE
- SIZE: ——— 1.0" X 1.0" X 0.4" (H)
- 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.

MECHANICAL OUTLINE



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

PMI CONFIDENTIAL AND PROPRIETARY

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ISO 9001 CERTIFIED

APPROVALS	DATE
DRAWN HLH	06/21/14
CHECKED	
ISSUED	

TITLE: PRODUCT FEATURE
LM-2G8G-13-5W-SFF

SIZE	FSCM NO.	DWG NO.	REV.
A	05XQ0	27017121	A3

SCALE N:S SHEET 1 OF 1