

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-26G40G-14-20W-292MM IS A HIGH POWER LIMITER THAT OPERATES FROM 26.5 GHz TO 40 GHz AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +14dBm TYPICAL.

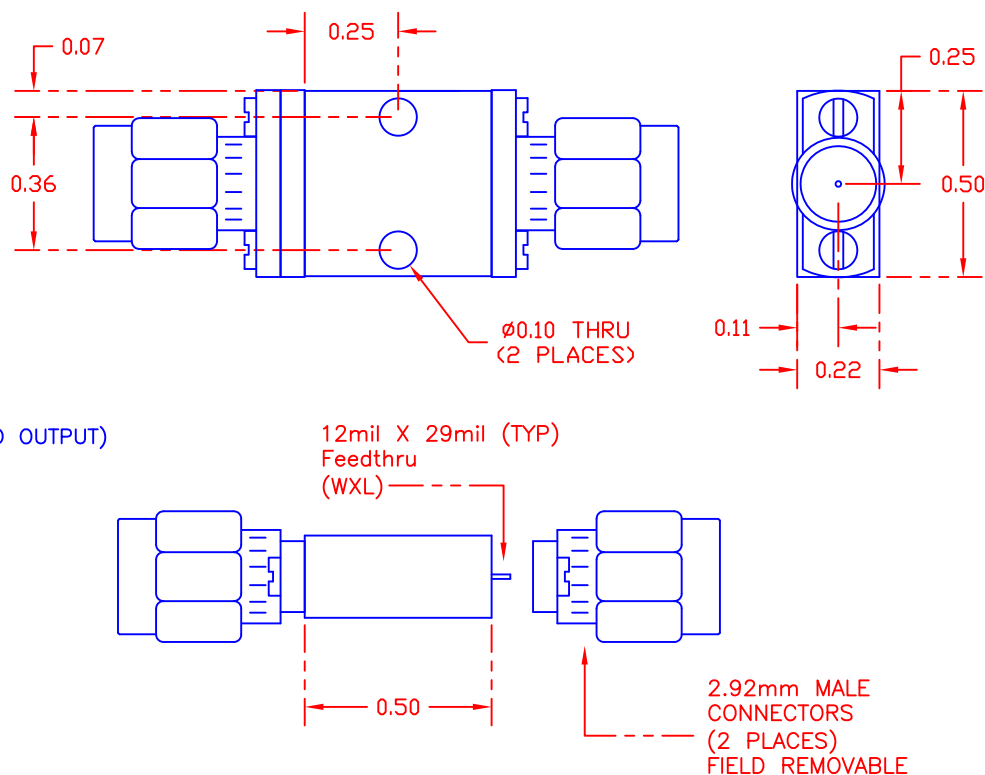
SPECIFICATIONS:

- FREQUENCY: 26.5 GHz TO 40 GHz
- INSERTION LOSS: 4.0dB MAX.
- PEAK POWER: 20 WATTS (43dBm)
- PULSE WIDTH: 440 to 670 nsec
- PRF: 600 to 900 KHz
- DUTY CYCLE: 40%
- LEAKAGE POWER: +14 dBm TYPICAL
- 1dB RECOVERY TIME: 250 nsec MAX
- VSWR: 2.0:1
- CONNECTORS: 2.92mm MALE REMOVABLE (INPUT AND OUTPUT)
- SIZE: 0.50 X 0.50 X .22
- WEIGHT: 1.5 OZ. TYPICAL

ENVIRONMENTAL RATINGS

- TEMPERATURE: -40°C TO +60°C (OPERATING)
-50°C TO +70°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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	9/12/12	
	A2	ECN # 13-0024	04/26/13	



PMI CONFIDENTIAL AND PROPRIETARY

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PART NO.				PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS		DATE		TITLE	
DRAWN <i>KM</i>		9/12/12		PRODUCT FEATURE	
CHECKED				LM-26G40G-14-20W-292MM	
ISSUED				HIGH POWER LIMITER	
		SIZE	FSCM NO.	DWG NO.	REV.
		A	05XQ0	27017341	A2
		SCALE N:S			SHEET 1 of 1