

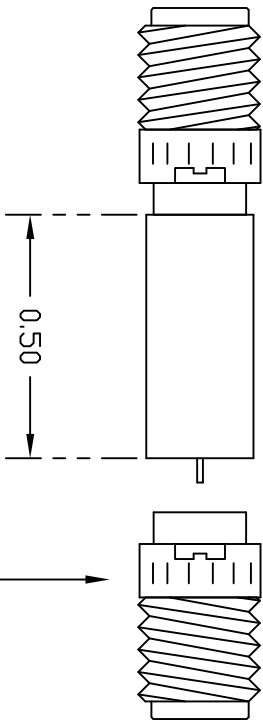
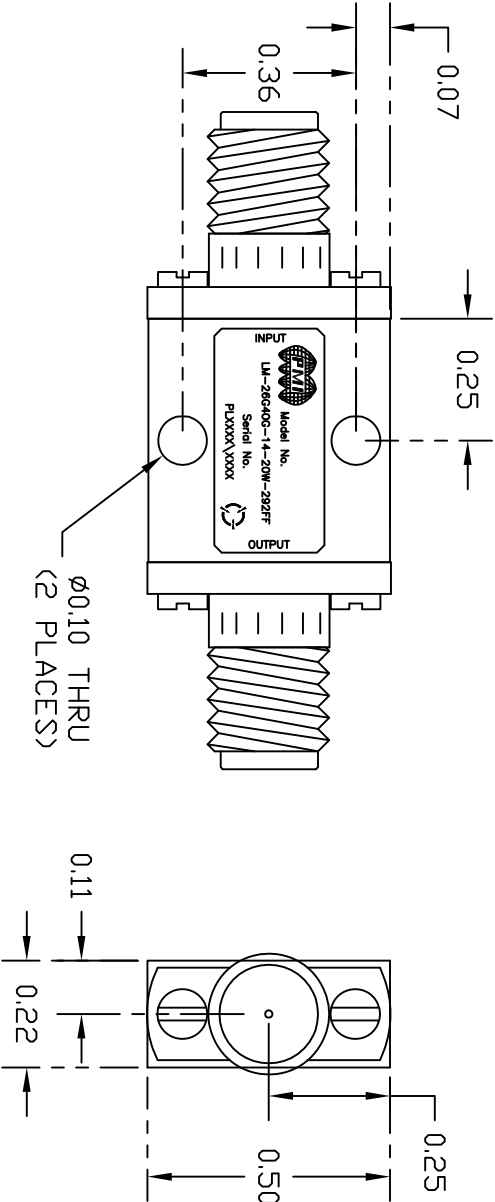
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
A		ORIGINAL RELEASE	7/19/10

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-26G40G-14-20W-292FF 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 FEMALE 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

CONFIDENTIAL AND PROPRIETARY

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS		TITLE	
DRAWN		DATE	
CHECKED		4/29/10	
ISSUED		LM-26G40G-14-20W-292FF HIGH POWER LIMITER	
SIZE		FSCM NO.	
A		05X00	
SCALE		DWG NO.	
N:S		27015041	
		REV.	
		A	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION