

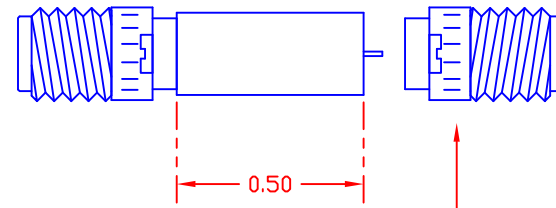
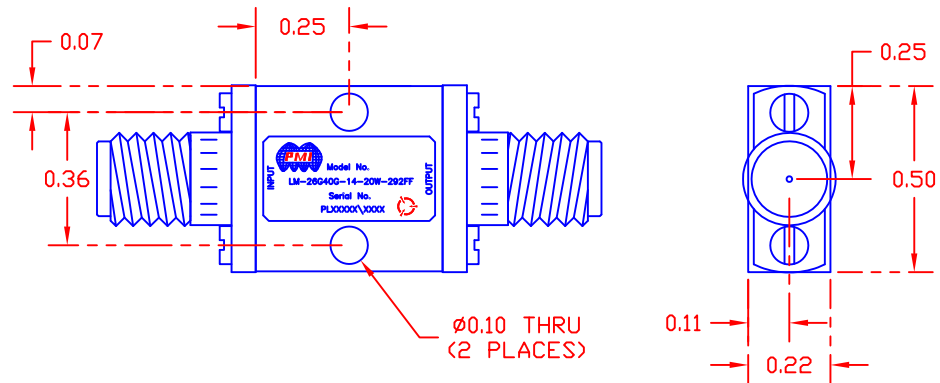
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	7/19/10	

**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



2.92mm FEMALE CONNECTORS (2 PLACES) FIELD REMOVABLE


**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**

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.010  
X.XXX ±0.005

PART NO.		 PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE	
<i>KM</i>	4/29/10	PRODUCT FEATURE	
DRAWN		LM-26G40G-14-20W-292FF	
CHECKED		HIGH POWER LIMITER	
ISSUED		SIZE	FSCM NO.
		A	05XQ0
		DWG NO.	27015041
		SCALE	N:S
		SHEET	1 of 1