

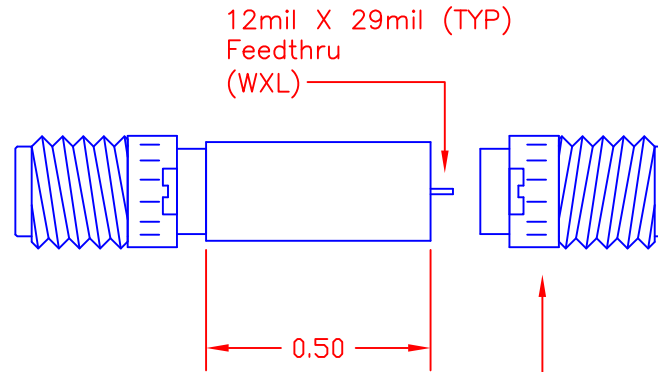
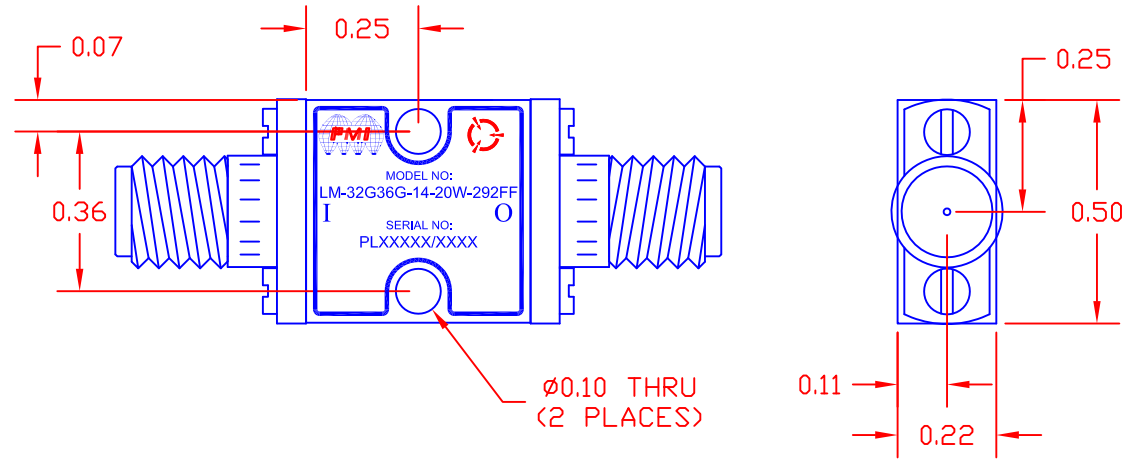
**DESCRIPTION:**

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-32G36G-14-20W-292FF IS A HIGH POWER LIMITER THAT OPERATES FROM 32 GHz TO 36 GHz AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +14dBm TYPICAL.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	8/17/2015	

**SPECIFICATIONS:**

- FREQUENCY: 32 GHz TO 36 GHz
- INSERTION LOSS: 2.0dB MAX.
- PEAK POWER: 20 WATTS (43dBm)
- PULSE WIDTH: 30 us
- DUTY CYCLE: 30%
- LEAKAGE POWER: +14 dBm TYPICAL
- 1dB RECOVERY TIME: 250 ns MAX
- VSWR: 2.0:1
  
- CONNECTORS (IN/OUT): 2.92mm FEMALE REMOVABLE
- 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

**PMI CONFIDENTIAL AND PROPRIETARY**

**PLANAR MONOLITHICS INDUSTRIES, INC.**

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 ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN <i>S. PALACIO</i>		8/17/2015	PRODUCT FEATURE		
CHECKED			LM-32G36G-14-20W-292FF		
ISSUED			HIGH POWER LIMITER		
SIZE	FSCM NO.	DWG NO.	REV.		
A	05XQ0	PRELIMINARY	1		
SCALE N:S			SHEET 1 OF 1		

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

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION