

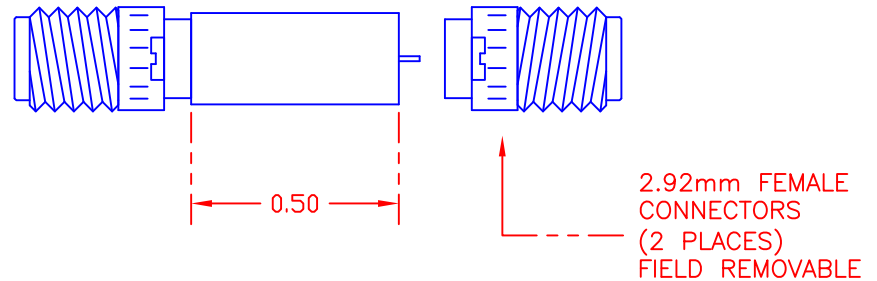
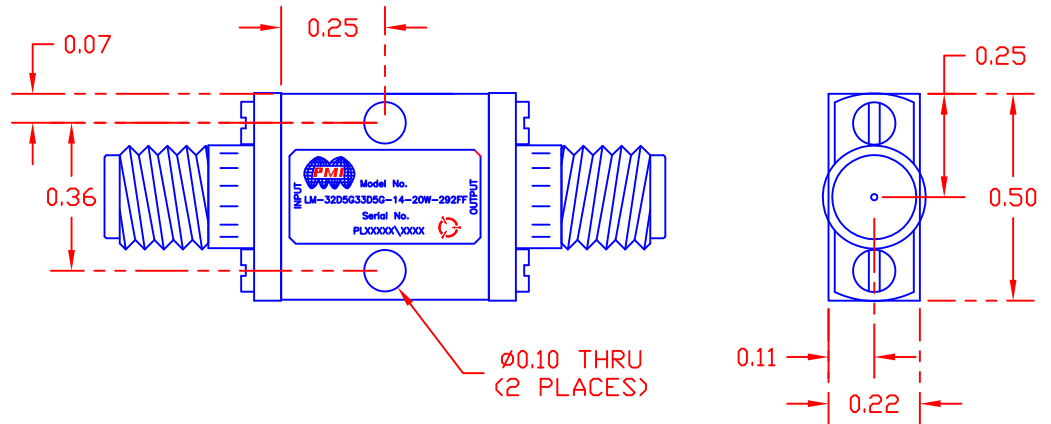
DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-32D5G33D5G-14-20W-292FF IS A HIGH POWER LIMITER THAT OPERATES FROM 32.5 GHz TO 33.5 GHz AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +14dBm TYPICAL.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/5/18	

SPECIFICATIONS:

- FREQUENCY:..... 32.5 GHz TO 33.5 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 +70°C (OPERATING)
-50°C TO +80°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		
DRAWN <i>JPH</i>	12/5/18	PRODUCT FEATURE		
CHECKED		LM-32D5G33D5G-14-20W-292FF		
ISSUED		HIGH POWER LIMITER		
SIZE	FSCM NO.	DWG NO.	REV.	
A	05XQ0	PRELIMINARY	-	
SCALE N:S		SHEET 1 of 1		