

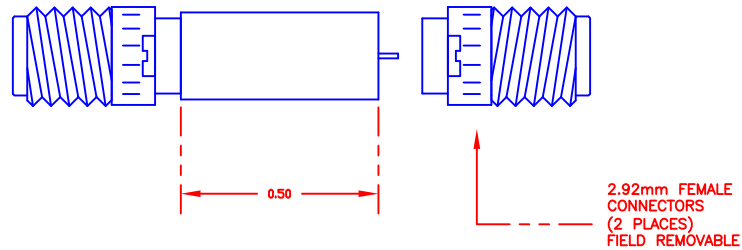
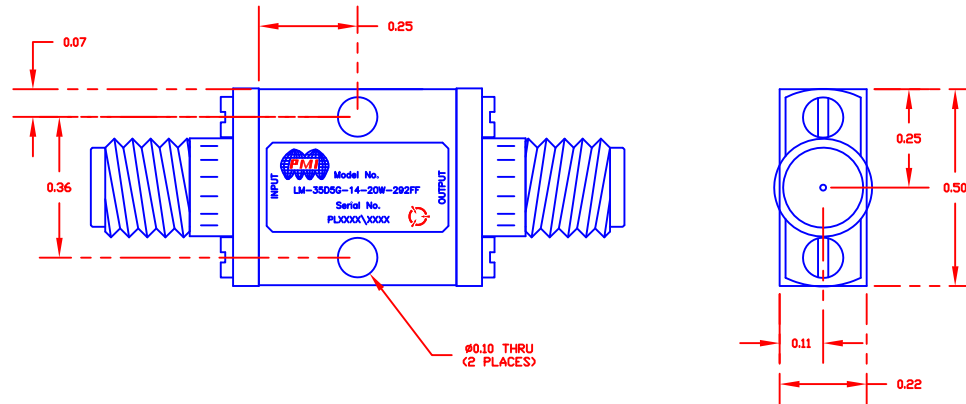
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	7/19/10	

DESCRIPTION:

PLANAR MONOLITHICS INDUSTRIES MODEL NUMBER LM-35D5G-14-20W-292FF IS A HIGH POWER LIMITER THAT OPERATES 35.5GHz +/-500MHZ AND HANDLES 20 WATTS PEAK POWER. THE LEAKAGE POWER IS +14dBm TYPICAL.

SPECIFICATIONS:

- FREQUENCY:..... 35.5GHz +/-500MHz
- INSERTION LOSS:..... 2.0 dB (DG), 3.0dB 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 100 NSEC (DG), 250 NSEC MAX
- 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

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>KM</i>	4/29/10	PRODUCT FEATURE LM-35D5G-14-20W-292FF HIGH POWER LIMITER	
CHECKED		SIZE	REV.
ISSUED		A 05XQ0	A
		FSCM NO.	DWG NO.
			27013161
		SCALE	SHEET
		N:S	1 of 1