

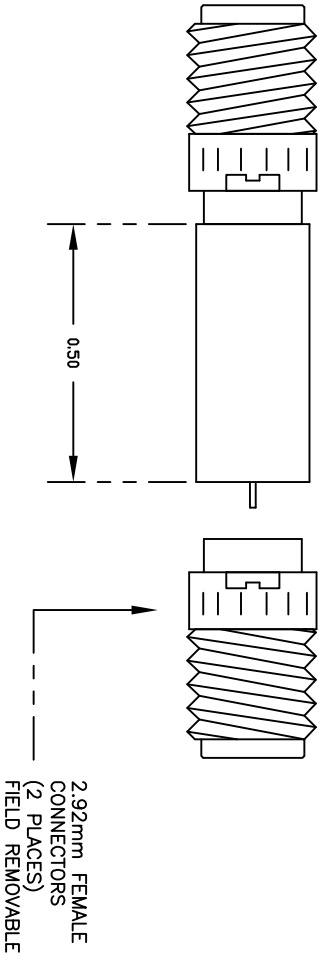
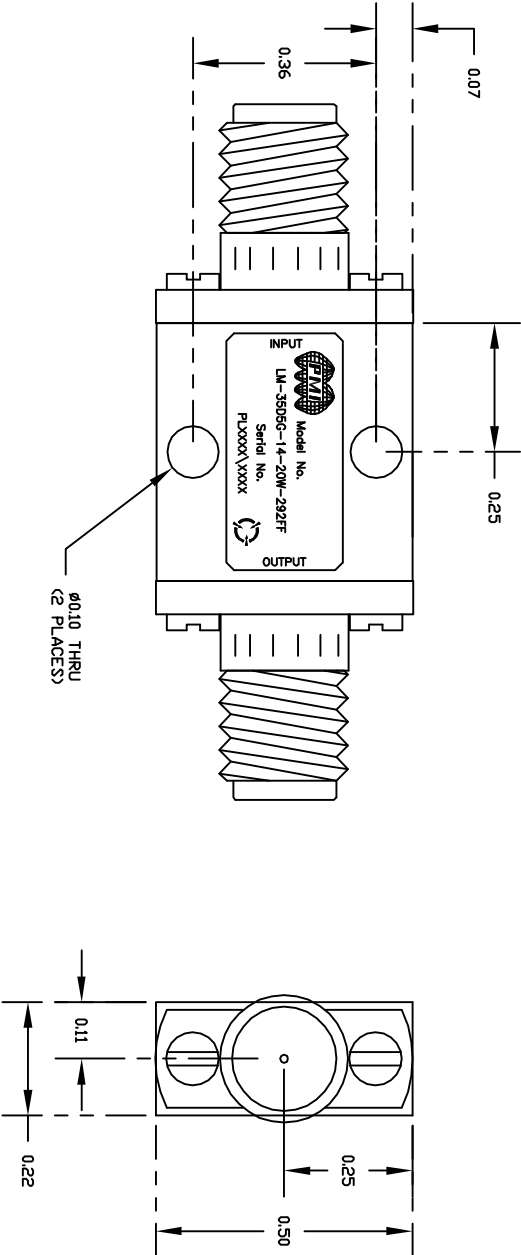
REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	7/19/10

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

PART NO.		PLANAR MONOLITHICS INDUSTRIES FREDERICK, MARYLAND	
APPROVALS		TITLE	
DRAWN		DATE	
CHECKED		DATE	
ISSUED		DATE	
SIZE		FSCM NO.	
A		05XQ0	
SCALE		N:5	
DWG NO.		27013161	
REV.		A	

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION