

DESCRIPTION

PMI MODEL LM-6D7G7D9G-30W-SFF IS A RF LIMITER THAT OPERATES IN THE 6.7 TO 7.9GHZ FREQUENCY RANGE. THIS LIMITER CAN HANDLE 30W CW INPUT POWER AND PROVIDES A MAXIMUM LEAKAGE OF +18DBM. THIS MODEL HAS A LOW INSERTION LOSS OF 1.1DB MAXIMUM AND A RECOVERY TIME OF 10USEC MAXIMUM.

SPECIFICATIONS

- FREQUENCY RANGE:.....6.7 to 7.9 GHz
- INSERTION LOSS:.....1.1 dB MAXIMUM
- INPUT/OUTPUT VSWR:.....1.5:1 MAXIMUM
- IMPEDANCE:.....50 OHMS
- INPUT POWER:.....30 WATTS CW MAXIMUM
- MAXIMUM FLAT LEAKAGE:.....18dBm MAXIMUM AT
INPUT POWER OF 30 WATTS CW
- RECOVERY TIME:10usec MAXIMUM
- FINISH:.....GOLD PLATED

ENVIRONMENTAL RATINGS

- TEMPERATURE:.....-40°C TO +85°C (OPERATING)
- SHOCK:.....20G, 11msec
- VIBRATION:.....8.25G rms, 20-2000Hz (Operating)
16.5G rms, 20-2000Hz (Non-Operating)
- TEMPERATURE CYCLE:.....MIL-STD-202F, METHOD 107

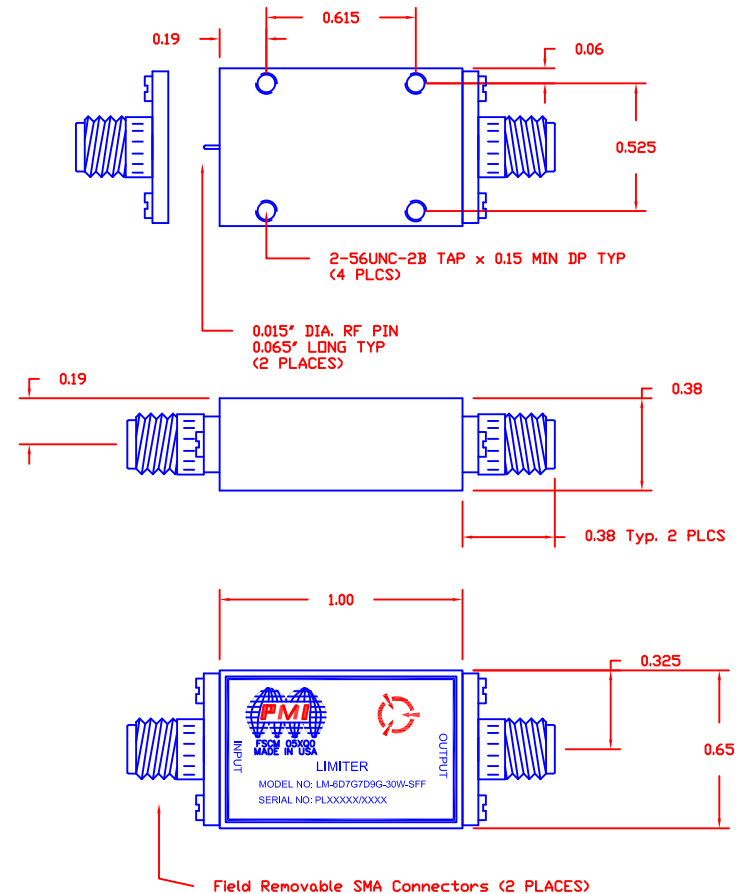
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	05/21/12	
	A2	ECN # 13-0207	11/21/13	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.

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		TITLE OUTLINE DRAWING LM-6D7G7D9G-30W-SFF			
APPROVALS	DATE				
DRAWN <i>KM</i>	5/21/12				
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27016941	REV. A2
ISSUED		SCALE N: S			SHEET 1 OF 1