

DESCRIPTION

PMI MODEL LM-6D7G7D9G-30W-SMF 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

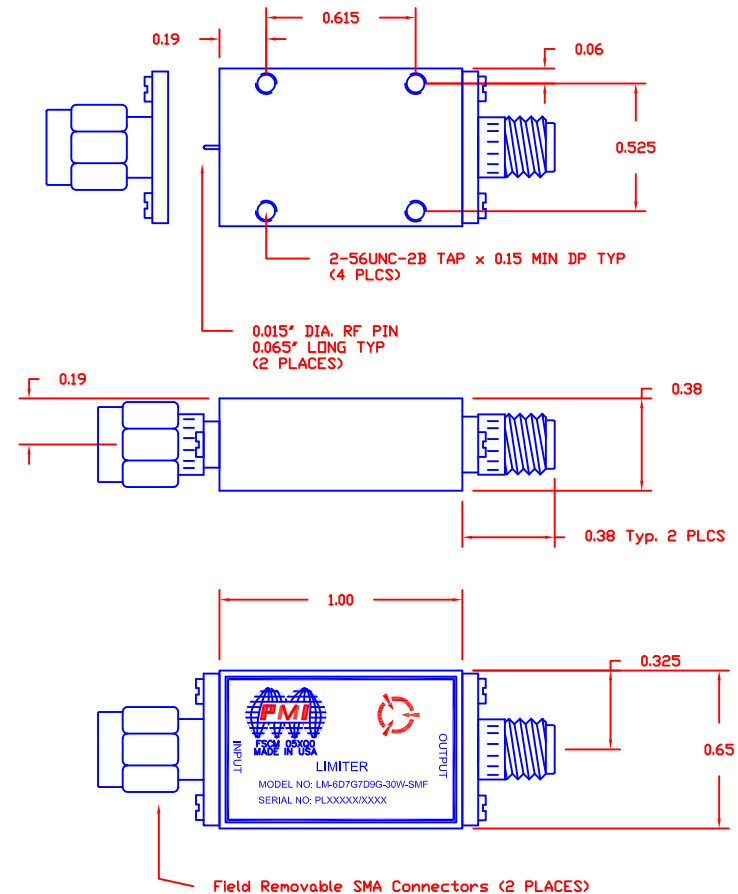
NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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

PMI CONFIDENTIAL AND PROPRIETARY

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	4/12/17	

MECHANICAL OUTLINE



PLANAR MONOLITHICS INDUSTRIES, INC.
7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE			
DRAWN	JM		5/21/12	OUTLINE DRAWING LM-6D7G7D9G-30W-SMF			
REDRAWN	J.PALACIO		4/12/17	SIZE	FSCM NO.	DWG NO.	REV.
ISSUED				A	05XQ0	PRELIMINARY	-
				SCALE	N: S	SHEET	1 OF 1