



Planar Monolithics Industries, Inc.

RF & Microwave Components and Modules to 40GHz

ISO9001:2008 Certified

May 21, 2014

6.7 to 7.9GHz 30 Watt RF Limiter PMI Model No. LM-6D7G7D9G-30W-SFF

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 30 watts 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. This limiters is supplied with SMA female connectors and the package measures 1.0" x 0.65" x 0.38" which is gold plated.



Frequency	6.7GHz to 7.9GHz
Insertion Loss @ -20dBm Input	1.1dB max.
Input VSWR @ -20dBm Input	1.5:1 max.
Impedance	50 Ohms
Input Power	30 Watts CW max.
Maximum Flat Leakage	18dBm max at Input Power of 30 Watts CW
Recovery Time	10usec max
Size	1.0" x 0.65" x 0.38"
Finish	Gold Plated

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

PLANAR MONOLITHICS INDUSTRIES, INC.

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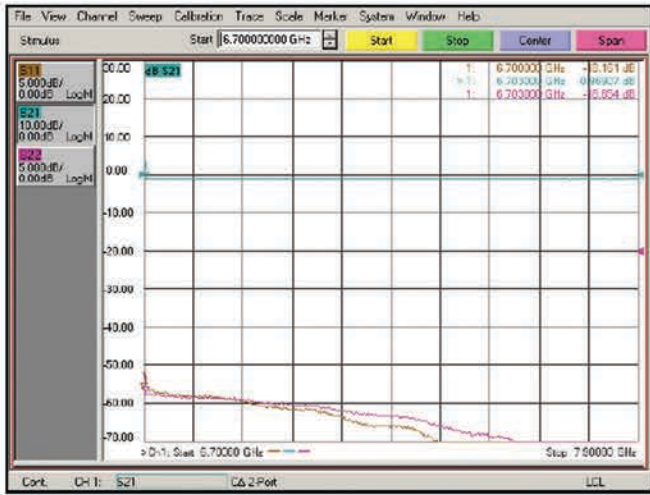
4921 Roberts J. Mathews Parkway
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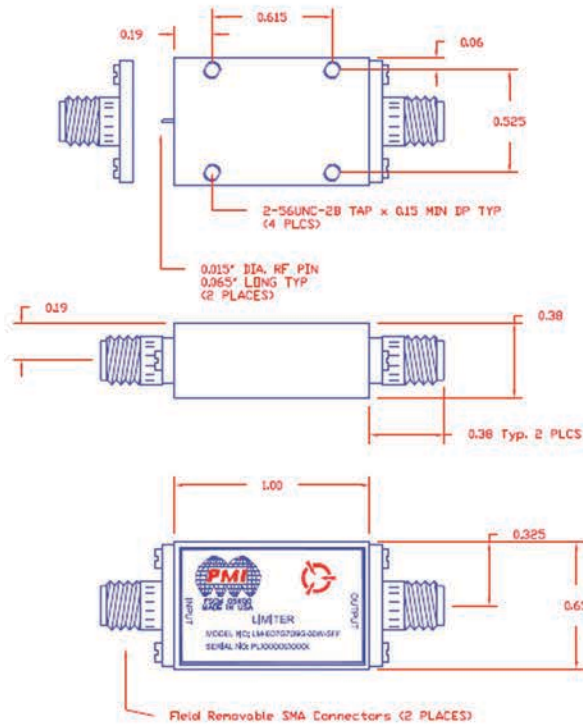
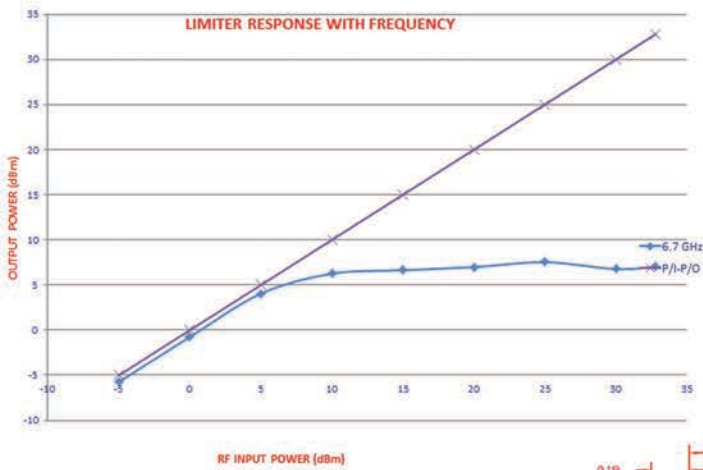
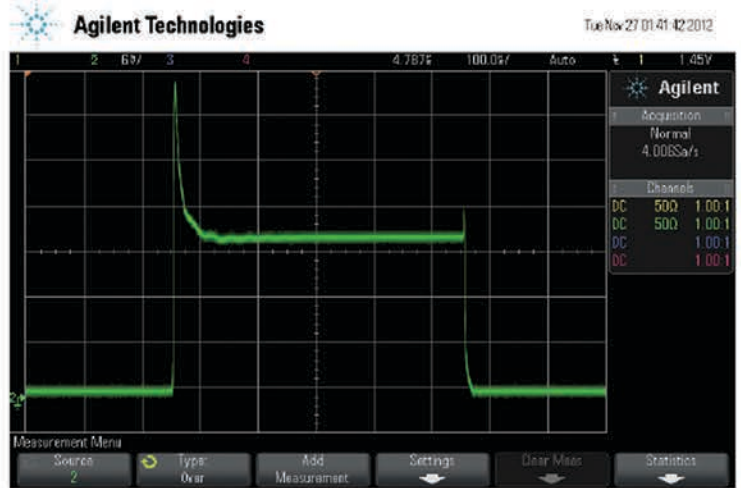
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INSERTION LOSS & RETURN LOSS



RECOVERY TIME

100ns per Div.



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