

LPF_CER1 Low Pass Filter

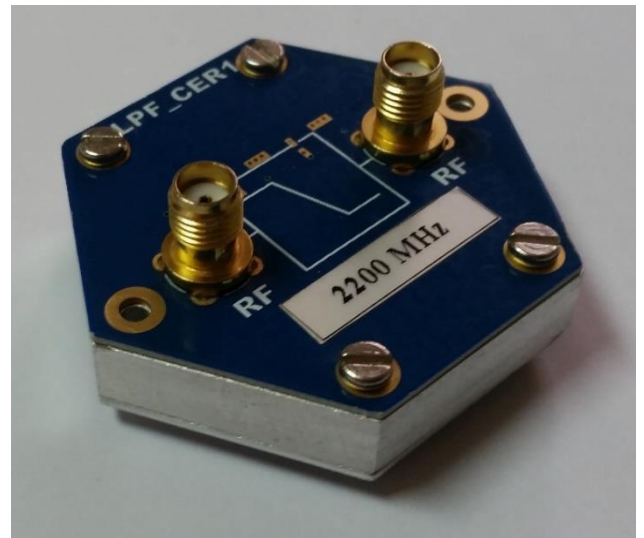
LPF_CER1

Description

LPF_CER1 a Ceramic Low pass filter Module.

Features

- Low Insertion Loss
- Flat Pass Band
- High stop-band rejection



Applications

- Harmonic rejection
- Professional Radio Communications
- Test Equipment's/ Instrumentation
- R&D Labs

Order Code	Cutoff Frequency
LPF_CER1_6000M	6000 MHz
LPF_CER1_4500M	4500 MHz
LPF_CER1_3000M	3000 MHz
LPF_CER1_2200M	2200 MHz
LPF_CER1_1500M	1500 MHz
LPF_CER1_1000M	1000 MHz
LPF_CER1_750M	750 MHz
LPF_CER1_500M	500 MHz
LPF_CER1_370M	370 MHz
LPF_CER1_300M	300 MHz
LPF_CER1_220M	220 MHz
LPF_CER1_150M	150 MHz

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Electrical Specifications (LPF_CER1_2200MHz)

Parameter	Minimum	Typical	Maximum	Unit
Return Loss	-40	-35	-30	dB
Pass Band Insertion Loss		-3		dB
Stop Band Attenuation		-50		dB
Operating Temperature	-40		+85	°C

Max. Ratings

RF input power	20dBm
Operating Temperature	-40°C to 85°C

Exceeding any of the limits of this section may lead to permanent damage to the device. Furthermore, extended operation at these maximum ratings may reduce the life of this device

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Typical Characteristics (LPF_CER1_2200MHz)

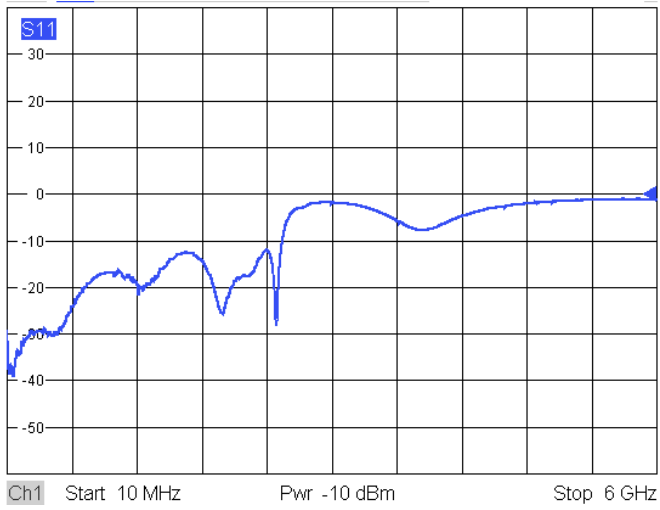


Figure 1, Input Return Loss (S11) vs Frequency

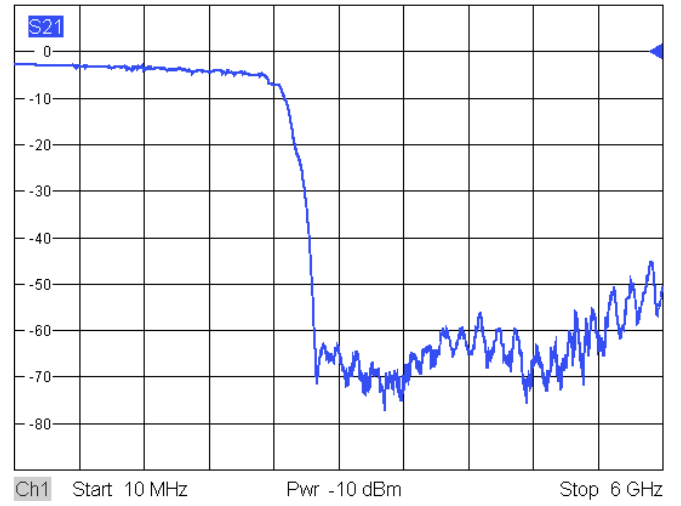


Figure 2, Insertion Loss (S21) vs Frequency