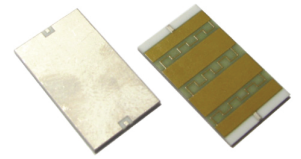


Thick Film UHF Low Pass Filter



These filters have been successfully tested to input power levels exceeding 20W. Part-to-part performance repeatability is excellent in high or low volumes.

Circuit construction is lumped/distributed surface mountable microstrip on alumina, enabling higher performance and higher power handling than an off-the-shelf package device or lumped element equivalent.

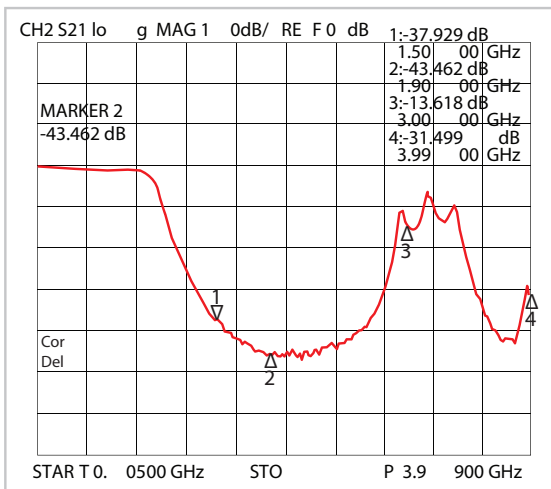
FEATURES

IMF2416	SPECIFICATION
Passband:	up to 960 MHz
2nd Harmonic Rejection:	40dB minimum
VSWR ¹ :	1.1:1 by design
Insertion Loss:	105 dB or better below 930 MHz
Dimensions:	.835" x .480" x .035" max
Input Power Rating:	20W with a 100°C baseplate
50Ω Solderable Connections	

1. .01dB Passband ripple design

The curve below illustrates the performance of the IMF2416 filter in a matched 50Ω alumina system.

IMF2416 Rejection



IMF2416 Insertion Loss

