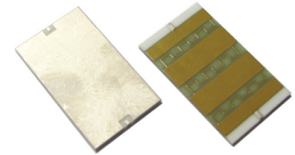


## Thick Film UHF Low Pass Filter

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 packaged device or lumped element equivalent.

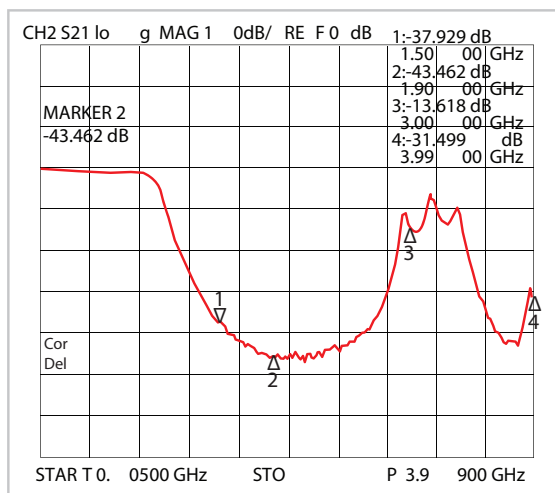
IMF2416	Specification
Passband:	up to 960 MHz
2nd harmonic rejection:	40 dB minimum
Dimensions:	.835" x .480" x .035" max.
Insertion Loss:	1.5 dB or better below 930 MHz
VSWR:	1.1:1 by design*
Input power rating:	20W with a 100 deg. C baseplate

50Ω Solderable connections

\*.01dB Passband ripple design

The curves below illustrate the performance of the IMF2416 filter in a matched 50Ω alumina system.

### IMF2416 Rejection



### IMF2416 Insertion Loss

