

LOW PASS HARMONIC FILTER FOR RF-LAN

DESCRIPTION

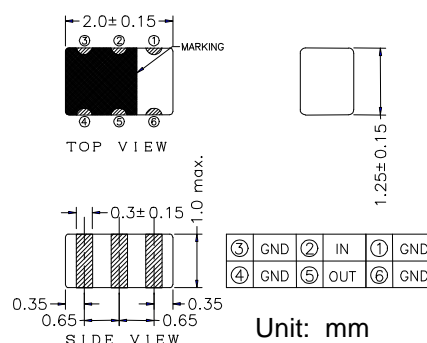
Toko's LTF2012L-F2R4L is a chip multilayer low pass filter for RF LAN applications. It is an ultra compact solution, ideal for keeping unwanted harmonics of the PA and LO out of the system. Toko's proprietary ceramic multilayer material is utilized for excellent performance and exceptional reliability.



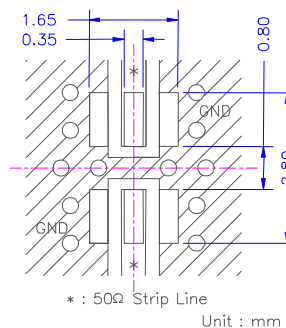
FEATURES

- Miniature footprint: 2.0 x 1.2 mm
- Low profile: 1.0 mm max.
- Low loss: 0.6 dB max.
- Nominal center frequency: 2450 MHz
- Power handling capacity: 2 W
- Operating temperature: - 40° C to + 85° C
- Storage temperature: - 40° C to + 85° C
- Flow and reflow solderable
- Packaged on 3,000 piece reels

DIMENSIONS

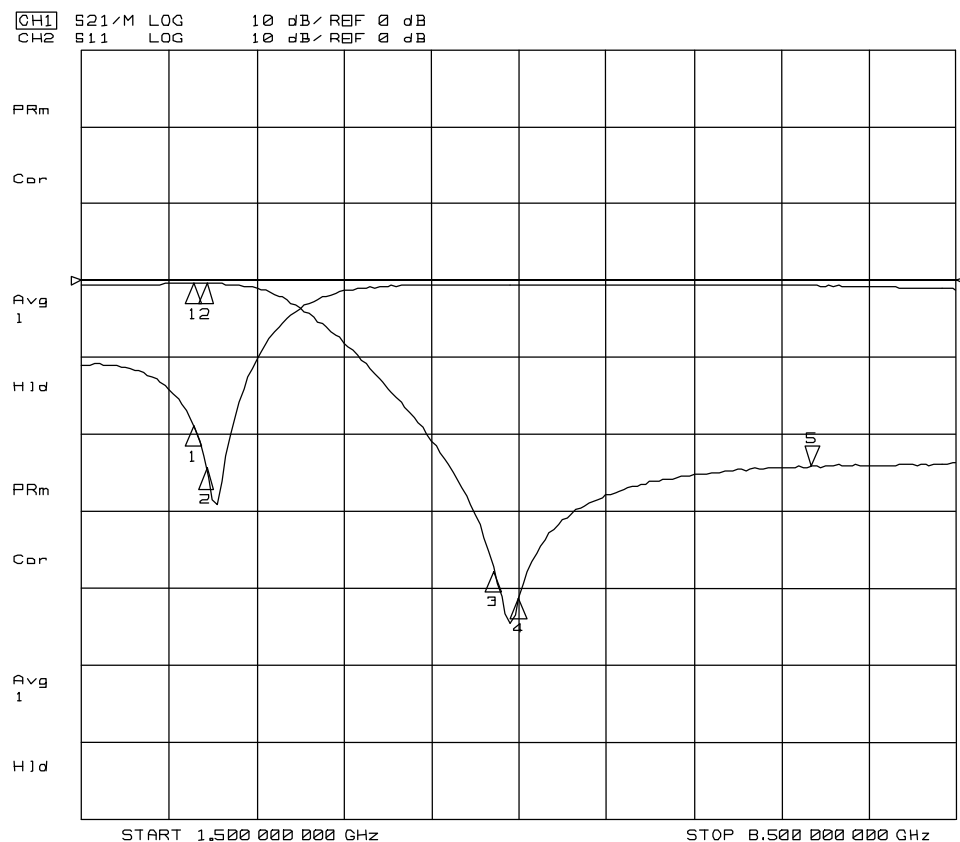


SUGGESTED FOOTPRINT



PART NUMBER TABLE

Toko Part Number	Application	Nominal Frequency (MHz)	BW (MHz)	Insertion Loss (dB max.)	Return Loss (dB min.)	Attenuation @ 2x(f ₀ ±BW) (dB min.)	Attenuation @ 3x(f ₀ ±BW) (dB min.)	Impedance
LTF2012L-F2R4L	W-LAN	2450	±50	0.6	14.0	25.0	18.0	50 Ω

TYPICAL CHARACTERISTICS


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