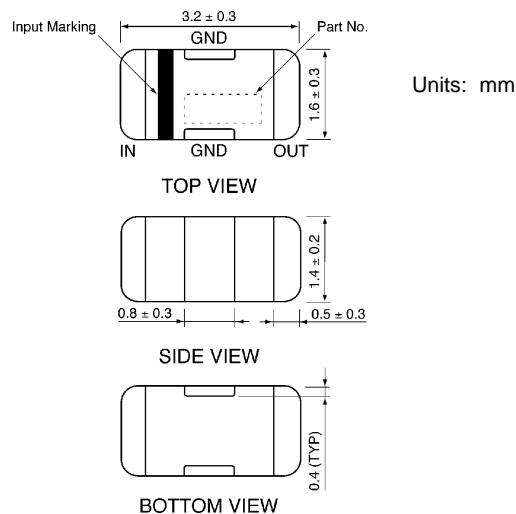


**HARMONIC FILTER FOR 2.45 GHZ W-LAN**
**DESCRIPTION**

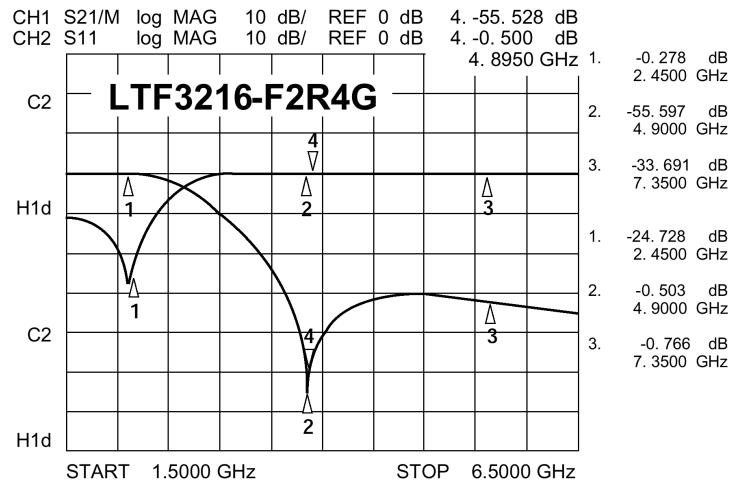
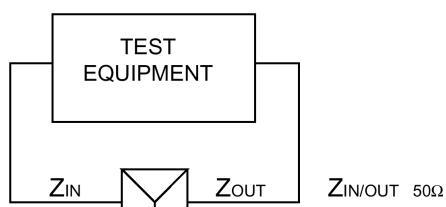
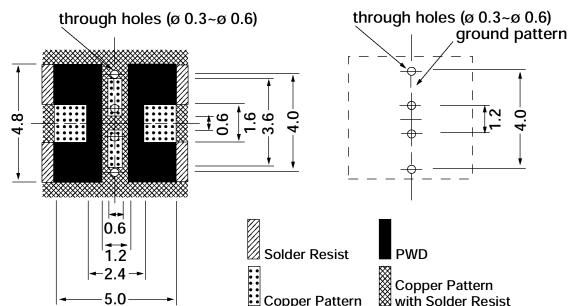
TOKO's LTF3216L-F2R4G is a ceramic multilayer low pass filter for RF LAN applications. It is an ultra compact solution, ideal for keeping unwanted PA and LO harmonics out of the system. TOKO's proprietary ceramic materials and multilayer manufacturing process are utilized for excellent performance and exceptional reliability.


**FEATURES**

- Miniature footprint: 3.2 x 1.6 mm
- Low profile: 1.6 mm max.
- Low insertion loss: 0.6 dB max.
- Allowable Power: 3 W
- Operating temperature: -25°C to +80°C
- Storage temperature: -40°C to +85°C
- Flow and reflow solderable
- Packaged on 2,000 piece reels

**DIMENSIONS**

**ELECTRICAL SPECIFICATIONS**

TOKO Part Number	Nominal Frequency (MHz)	BW (MHz)	Insertion Loss (dB max.)	Bandwidth VSWR	Attenuation @ $2 \times (F_0 \pm BW)$ (dB min.)	Attenuation @ $3 \times (F_0 \pm BW)$ (dB min.)	Impedance
LTF3216L-F2R4G	2450	±100	0.6	1.5	30.0	18.0	50 Ω

**TYPICAL CHARACTERISTICS**

**MEASUREMENT CIRCUIT**

**RECOMMENDED FOOTPRINT**


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