

### DESCRIPTION

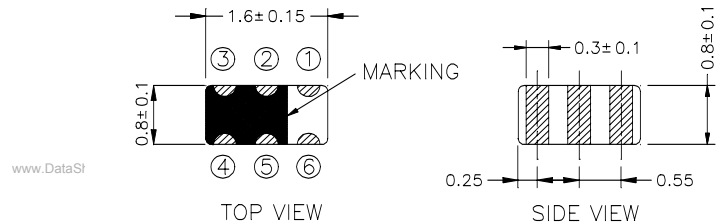
TOKO's LTF1608L Series is a multilayer ceramic lowpass filter designed for a variety of wireless applications. TOKO's proprietary material and filter design expertise provide for excellent performance and exceptional reliability in this economical and compact integrated ceramic structure.



### FEATURES

- Miniature footprint: 1.6 x 0.8mm
- Low profile: 0.9 mm max.
- Integrated ceramic structure
- Operating temperature: - 55°C to + 125°C
- Reflow solderable

### DIMENSIONS



3	GND	2	IN	1	GND
4	GND	5	OUT	6	GND

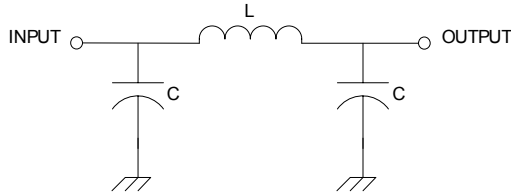
Units: mm

### ELECTRICAL SPECIFICATIONS

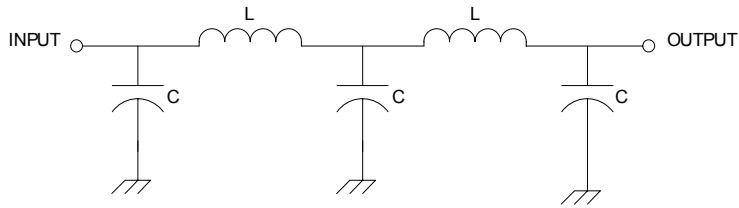
TOKO Part Number	F <sub>o</sub> (MHz)	BW (MHz)	Insertion Loss (dB) max.	Ripple (dB) max.	Return Loss (dB) min.	Attenuation at 2x[F <sub>o</sub> ± BW] (dB) min.	Attenuation at 3x[F <sub>o</sub> ± BW] (dB) min.	Imp. (Ω)
LTF1608L-FR80L	836.5	± 12.5	0.45	0.50	14	25	18	50
LTF1608L-FR90L	897.5	± 17.5	0.45	0.50	14	25	18	50
LTF1608L-FPR90H	897.5	± 17.5	0.50	0.50	14	35	25	50
LTF1608L-F1R7L	1747.5	± 37.5	0.45	0.50	14	25	18	50
LTF1608L-FP1R7H	1747.5	± 37.5	0.50	0.50	14	35	25	50
LTF1608L-F1R8L	1880.0	± 30.0	0.45	0.50	14	25	18	50
LTF1608L-FP1R8H	1880.0	± 30.0	0.50	0.50	14	35	25	50
LTF1608L-F2R4L	2450.0	± 50.0	0.45	0.50	14	25	18	50
LTF1608L-FP2R4H	2450.0	± 50.0	0.50	0.50	14	35	25	50

### EQUIVALENT CIRCUITS

#### LTF1608L-F Series

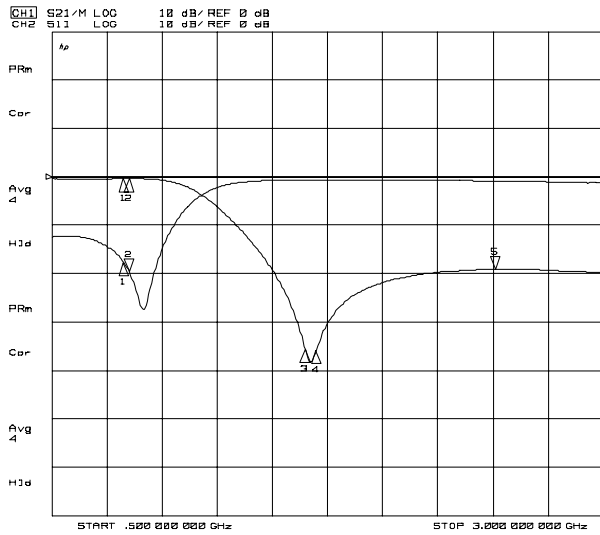


#### LTF1608L-FP Series



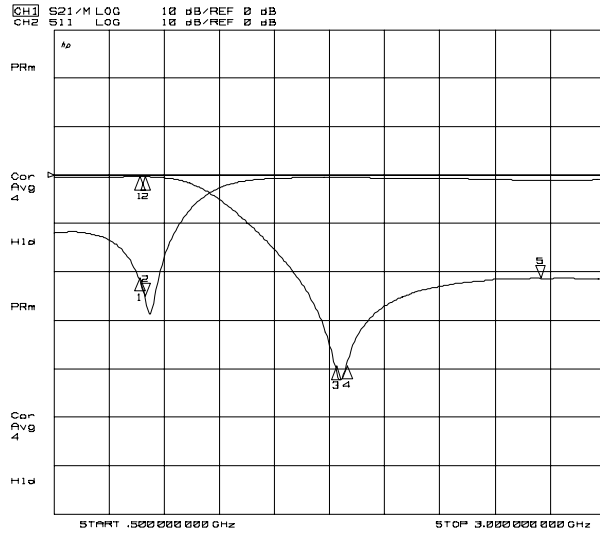
### TYPICAL CHARACTERISTICS

#### LTF1608L-FR80L

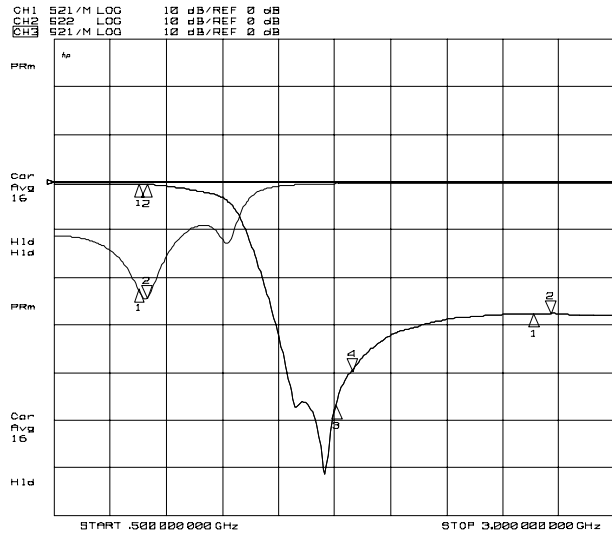


**TYPICAL CHARACTERISTICS**

**LTF1608L-FR90L**

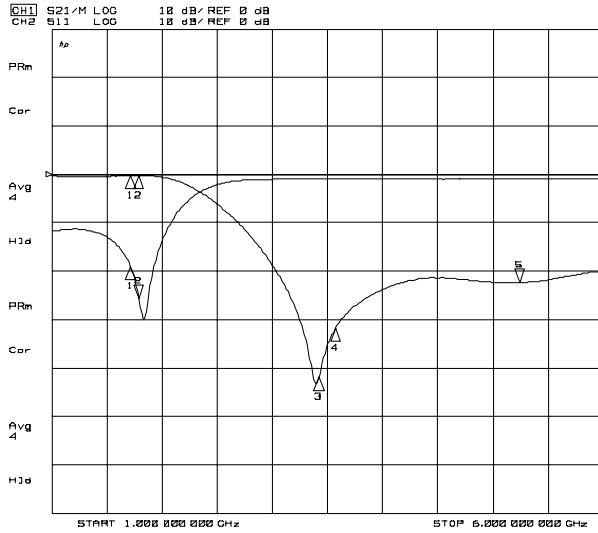


**LTF1608L-FPR90H**

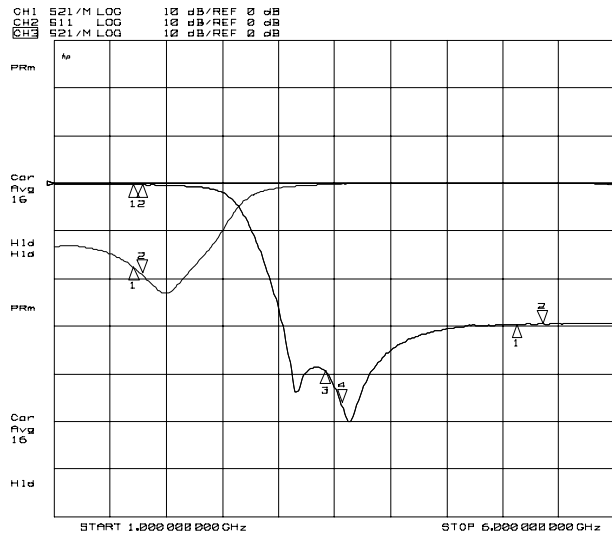


### TYPICAL CHARACTERISTICS

#### LTF1608L-F1R7L

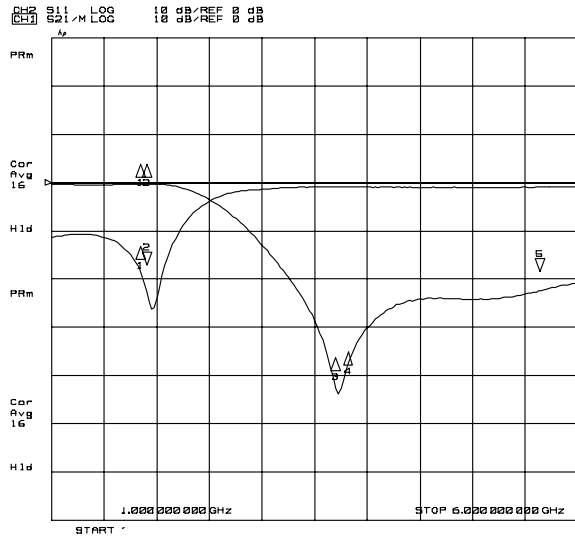


#### LTF1608L-FP1R7H

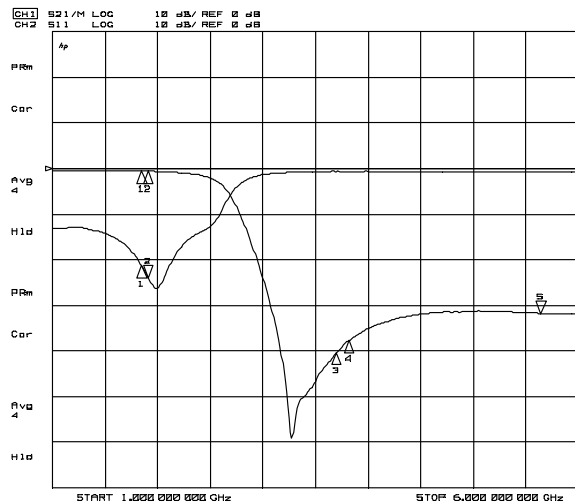


### TYPICAL CHARACTERISTICS

#### LTF1608L-F1R8L

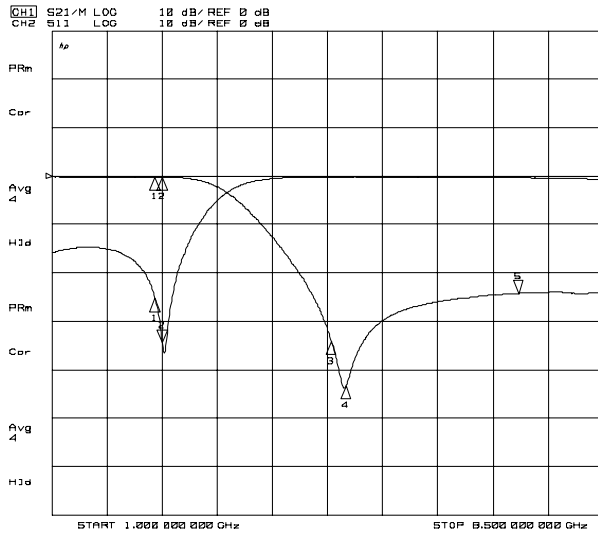


#### LTF1608L-FP1R8H

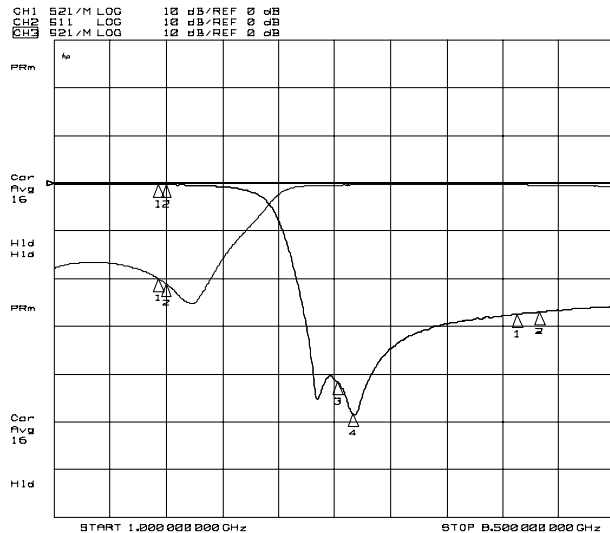


### TYPICAL CHARACTERISTICS

#### LTF1608L-F2R4L



#### LTF1608L-FP2R4H



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