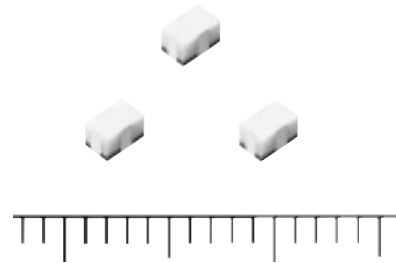


High Frequency Filters

Japan

Type: **ELB2A** (2012 size)

The ELB2A type is a high frequency band pass filter for cordless-phones, wireless LANs, etc.



Type ELB2A

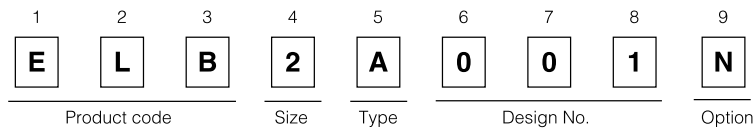
■ Features

- Herical resonator structure to apply high precision inductor at high frequency
- High-attenuation at high frequency, low insertion loss
- Highly flexible design
- Small size (2012 mm size)

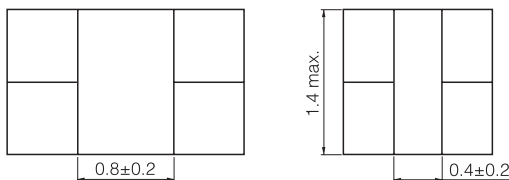
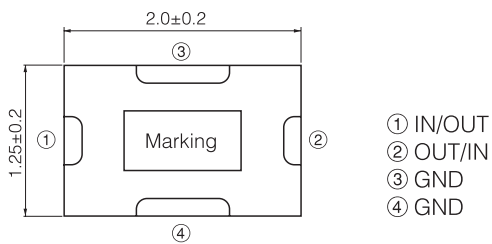
■ Recommended Applications

- Cordless-phones, wireless-LANs, etc.

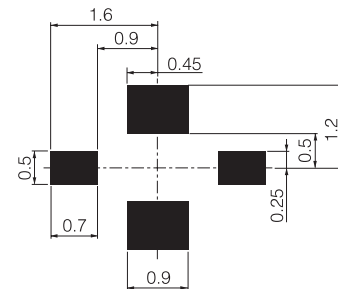
■ Explanation of Part Numbers



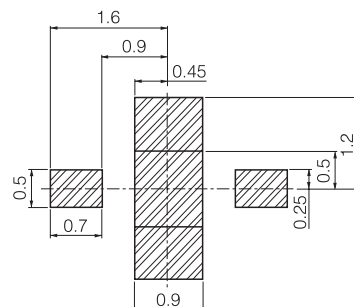
■ Dimensions in mm (not to scale)



■ Recommended Metal Mask in mm (not to scale)



■ Recommended Land Pattern in mm (not to scale)

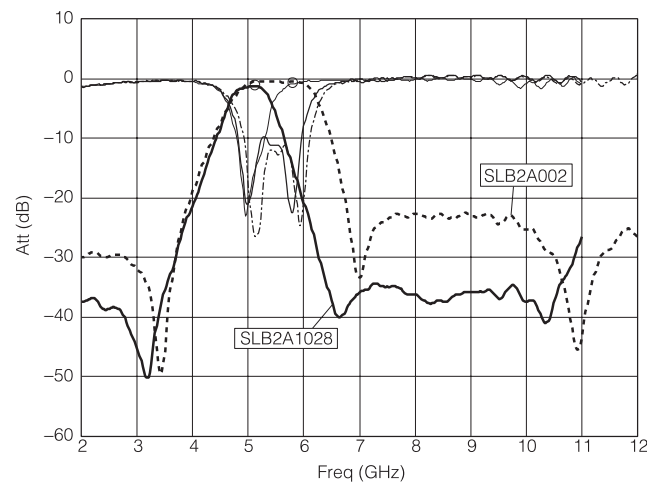
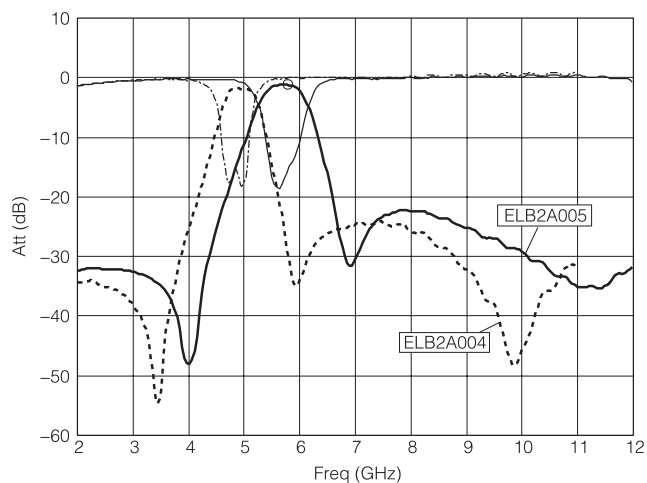


Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Examples

Part No.	Frequency (GHz)	Frequency Characteristics		VSWR (max.)	Impedance (Ω)	Applications
		Loss (dB max.)	Attenuation (dB min./GHz)			
SLB2A1029	1.6±0.05	2.5	30/3.2	2.0	50	Cordless Phones
SLBBPF1035	2.4±0.10	2.5	30/4.8			
SLB2A1030	3.4±0.10	2.0	25/6.8			
ELB2A004	4.9±0.10	2.5	30/9.8			
ELB2A005	5.8±0.05	2.0	30/11.6			
SLB2A1028	5.25±0.10	2.0	30/10.4			W-LAN
ELB2A002	5.5±0.40	1.5	25/7.0			
ELB2A003	5.4±0.50	1.6	25/7.0			
SLB2A1007	5.8±0.05	2.0	30/11.6			

Performance Characteristics



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