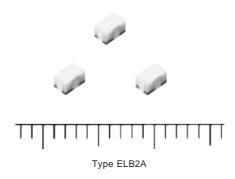
High Frequency Filters

Japan

Type: **ELB2A** (2012 size)

ELB2A type is high frequency band pass filter for Cordless-phone, Wireless LAN, ETC and etc.

Industrial Property: Utility models 5 (including pending)



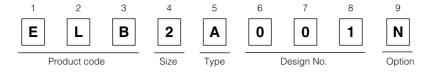
Features

- Herical resonator structure to apply high precision inductor at high frequency
- High-Attenuation at high frequency/Low insertion loss
- High flexibility design
- Small size (2012 mm size)

■ Recommended Applications

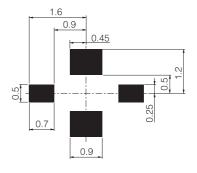
• Cordless-phones, Wireless-LAN, ETC

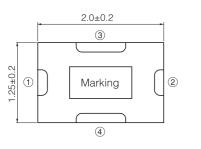
■ Explanation of Part Numbers



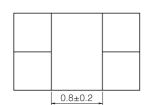
■ Dimensions in mm (not to scale)

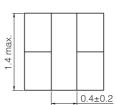
■ Recommended Metal Mask in mm (not to scale)



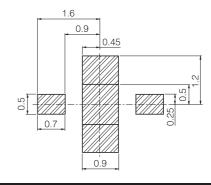








■ Recommended Land Pattern in mm (not to scale)



Panasonic

Filters

■ Examples

Part No.	Frequency (GHz)	Frequency Characteristics		VSWR	Impedance	Amaliantiana
		Loss (dB max.)	Attenution (dB min./GHz)	(max.)	(Ω)	Applications
SLB2A1029	1.6±0.05	2.5	30/3.2			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	2.0	50	
SLB2A1028	5.25±0.10	2.0	30/10.4			
ELB2A002	5.5±0.40	1.5	25/7.0			W-LAN
ELB2A003	5.4±0.50	1.6	25/7.0			
SLB2A1007	5.8±0.05	2.0	30/11.6			ETC

■ Performance Characteristics

