

# SILENTBLOC SMALL SIZE

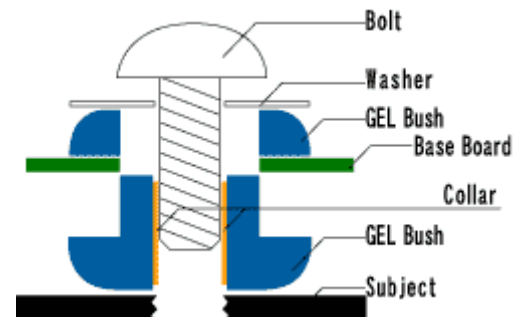
## Key Features

- Small in size but high performance and durability
- Damps vibrations over a wide frequency
- Performs over -40°C up to 200°C
- Ozone, UV and chemically resistant
- 5 standard types of bushes available
- Custom designs also available
- Ideal for narrow gauge materials
- Through bolted with brass tube to minimise drift.
- Recommendable to protect fragile subject from micro-vibrations and light shocks
- Removes light load micro vibrations on four-legged subject from 0.5kg up to 32kg



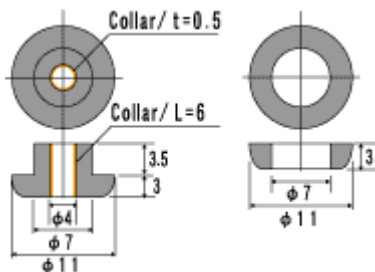
## Specifications

PART No.	Optimum load (Kg/4 legs)	Resonance point (Hz)	Resonance Magnification (dB)	Recommended Frequency (Hz)
VI00033	0.2~0.75	64~42	7~9	0.2Kg: 90 ; 0.75Kg: 60
VI00034	0.5~2.5	67~35	9~10	0.5Kg: 95 ; 2.5Kg: 50
VI00035	2.5~4.0	49~37	15~16	2.5Kg: 70 ; 4.0Kg: 55
VI00036	4~15	49~23	15~17	4.0Kg: 70 ; 15Kg: 35
VI00037	15~32	20~15	19~23	15Kg: 30 ; 32Kg: 25

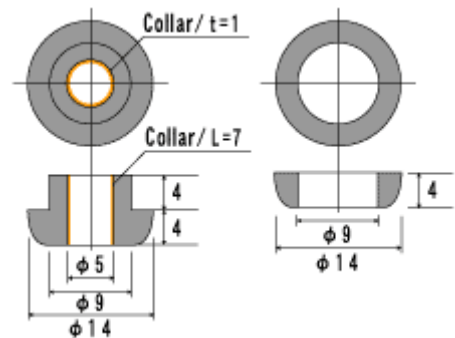


Above data measured on a 2mm thick PCB between bushes

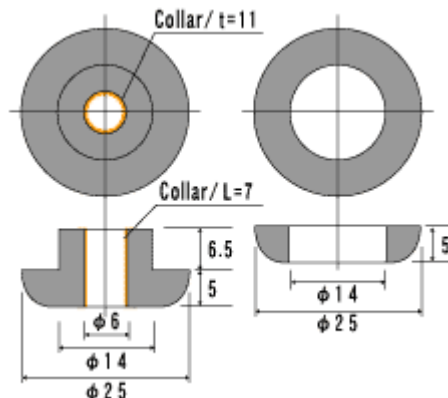
VI00033



VI00034  
VI00035



VI00036  
VI00037

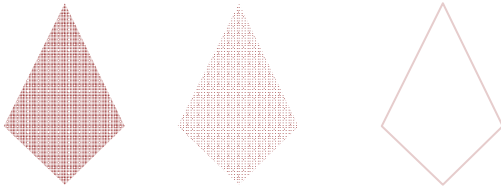


## Applications

- Damp leads as low as 200g
- Recommended for light and fragile components
- PCB, DVD, HDD, CD ROM, small fans and motors

GEL Bush





ITEM (unit)		PHYSICAL VALUES				REMARK
		$\theta_{-7}$	$\theta_{-5}$	$\theta_{-6}$	$\theta_{-8}$	
Appearance		translucent	translucent	translucent	translucent	
Specific Gravity		1.06	1.05	1.06	1.07	
Hardness	Needle Penetration (1/10mm)	100	55	-	-	JIS K 2207
	Asker C	-	-	33	52.5	SRIS 0101 (*1)
Tensile Strength (MPa)		0.23	1.17	1.58	2.35	JIS K 6251
Elongation Ratio (%)		480	710	480	300	JIS K 6251
Young Modulus (kPa)		37.5	119.5	670.3	1432.6	
Specific Heat (J/g · K)		1.51	1.52	1.51	1.52	DSC
Thermal Conductivity (W/m · K)		0.20	0.20	0.20	0.20	(*2)
Volume Resistance (Ohm · cm)		$2.9 \times 10^{14}$	$4.0 \times 10^{14}$	$3.2 \times 10^{14}$	$6.6 \times 10^{14}$	JIS K 6911
Disruptive Voltage (kV/mm)		16.3	15.1	18.4	18.7	JIS C 2110
Chemical Resistance	Toluene	x	x	x	x	JIS K 6258 room temperature x 168h
	Acetone	x	x	x	x	
	Methanol	o	o	o	o	
	Distilled H2O	o	o	o	o	
	Fuel	x	x	x	x	
	Lubricant	x	x	x	x	
	NaCl (10%)	o	o	o	o	
	HCl (10%)	o	o	o	o	
NaOH (5%)	o	o	o	o		
Temperature Range in use (°C)		-40 to 200	-40 to 200	-40 to 200	-40 to 200	