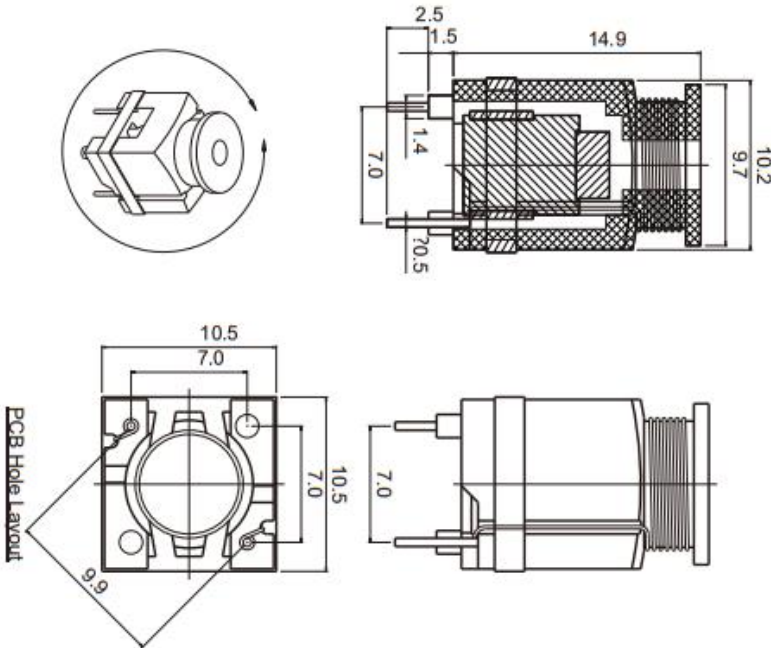


Unit = mm



## Electromagnetic vibration sensor

Inductance value	5.5±10% mH
DC impedance	130±10% ohm
Reaction orientation	omnibearing
Pull force of terminal	500gf for 1 minute
Operating lifespan	above 50000 circle
Enameled wire	2UEW0.06
Magnetic core	NdFeB N42NI-CU-NI
Iron core	1215NI
Silica gel	Toshiba silica gel
Pin foot	CP Wire
Welding time	2-2.5 seconds
Main body frame	T375J PHENOLIC UL-94V-0
Storage temperature	-40°C to +85°C
Operating temperature	-25°C to +85°C
Humidity	95% RH, 40°C for 96 hours

### Features:

The sensor can output a faint current signal. The current is proportional to the vibration radiation, and then the current is compared with the operational amplifier in the circuit amplified.

The circuit ends with a NPN triode through which the R9 outputs a pull-down signal.

The sensitivity can be appropriately adjusted by the VR1 in the circuit.