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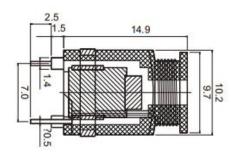
Datasheet

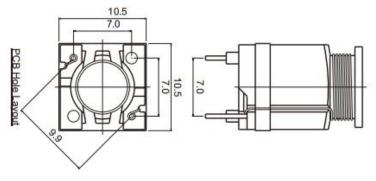
Item no. 1606630

V1_18012018_01_en

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℃ 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.

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