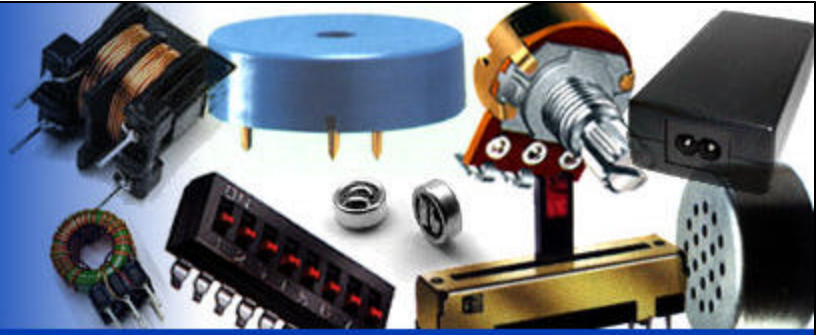


ISL Products

Manufacturers of Quality
Components & Assemblies



TCT40-10T/R1 - Piezo Ultrasonic Transducer



Specifications

Model	Frequency (KHz)	Sensitivity (dB) (0dB=v/Pa)	SPL (dB) at 10v, 30cm(0dB=0.02mPa)	Capacitance (pF)	Rest Resonant Time (ms)
TCT40-10T1	40	/	110 min.	2000±30%	/
TCT40-10R1	40	-70 min.	/	2000±30%	/

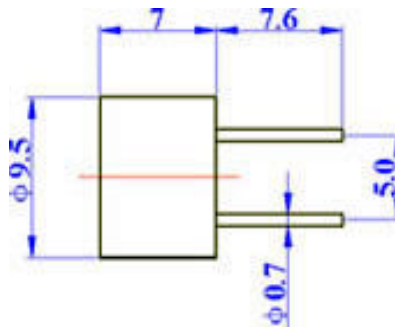
Features

- ⚡ High sensitivity, high reliability and stability;
- ⚡ High and low tem.-resistance, humidity-resistance, vibration-resistance, shock-resistance.

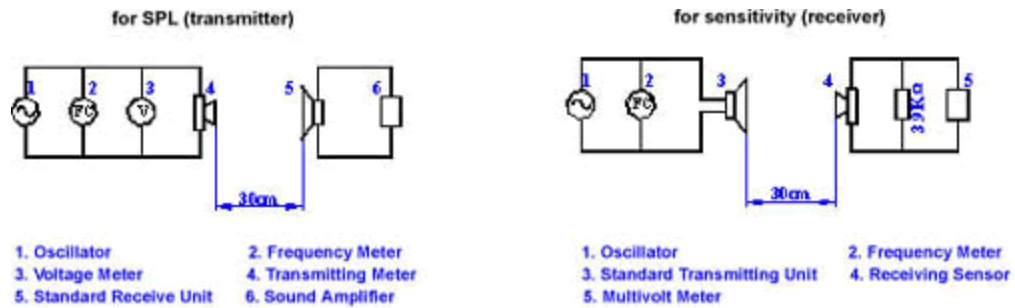
Applications

- ⚡ Remote controller for home electric appliances and electric equipments;
- ⚡ Ultrasonic distance measuring, Ultrasonic approaching switch;
- ⚡ Ultrasonic transmitting and receiving for burglar detection and disaster detection.

Dimensions (Unit: mm)



Testing Circuit



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