

PIEZO ULTRASONIC SENSOR SPECIFICATIONS

■ MODEL: 12C04-TK002L7

■ ELECTRICAL SPECIFICATION:

1	Sound Pressure Level(dB)	≥95(30cm/10Vrms Sine Wave) 0dB=0.0002 μ bar
2	Sensitive(dB)	≥ -82dB/v/ μ bar
3	Center frequency(KHz)	40±1.0KHz
4	Echo Sensitivity	≥ 150mV
5	Decay Time	≤ 1.2ms
6	Directivity (deg) X-axis	110±15
7	Directivity (deg) Y-axis	75±10
8	Capacitance (pF)	2000±15%
9	Allowable Maximum Input Voltage(Vp-p)	140(40KHz) Pulse width 0.5ms, interval 20ms
10	Mean Time To Failure	50000h
11	Operating Temperature(°C)	-40~+80
12	Storage temperature(°C)	-40~+85

■ APPEARANCE AND DIMENSIONS

