

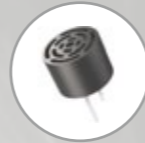
INTELLIGENT SECURITY



Piezoelectric
Ceramic Element



Piezoelectric
Buzzer



Ultrasonic
Ranging Sensor



High SPL Buzzer



INTELLIGENT SECURITY

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Piezoelectric Ceramic Element

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Piezoelectric Buzzer

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Ultrasonic Ranging Sensor

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High SPL Buzzer

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Lineup

Piezoelectric Ceramic Element

Features

- Small size, easy to install
- Stable performance

Applications

- Smoke alarm detector



Piezoelectric Buzzer

Features

- High reliability
- The material is resistant to high temperatures and has good flame retardancy
- Pass UL standard

Applications

- Smoke alarm detector



Model	PL0544-014	PL0653-000	PL0663-000
Resonant frequency (Hz)	3.2	3.2	3
Resonant impedance (Ω)	600	350	400
Static capacitance (pF)	25000±30%	36000±30%	40000±30%
Diameter (mm)	34.55	34.7	34.7
Thickness (mm)	0.54	0.52	0.53

Model	QJ0868
Resonant frequency (Hz)	3250
S.P.L (dB)	≥ 105(12V/25cm)
Max. input voltage (V)	16
Max. Rated Current (mA)	40
Size (mm)	Φ 30.6 x 16.0



Ultrasonic Ranging Sensor

Features

- High sound pressure
- Cost-effective
- Good immunity to interference

Applications

- Smoke alarm detector



High SPL Buzzer


Features

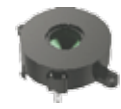
- High sound pressure
- High and low temperature resistance

Applications

- Airport bird repellent



Model	TO0116-009
Appearance	
S.P.L (dB)	≥ 105
Sensitivity (dB)	≥ -75
Resonant frequency (kHz)	40.0±1.0
Capacitance (pF)	1700±20%
Operating Temp (°C)	-40 ~ +85
Size	Φ10.0 x H 7.1

Model	QJ0892-000
Appearance	
S.P.L (dB)	≥ 110
Sensitivity (kHz)	2.40±0.5
Resonant frequency (pF)	186000±30%
Operating Temp (°C)	-40 ~ +105
Size	Φ45.3 x 22