

Buzzers

Series: PK*

Murata's buzzer is working on the principle of piezoelectric vibration with a very simple structure consuming less current.



Key Features / Advantageous

- 1

High SPL
- 2

Lower power consumption than magnetic buzzer
- 3

Wide operating temperature range
- 4

SMD available: Effective counter measure preventing irregular sound problem (against magnetic sounder)
- 5

RoHS and ELV directive compliant
- 6

Production at IATF16949 certification plant

Key Applications / Use Cases



2-Wheeler Cluster



4-Wheeler Cluster


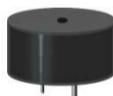
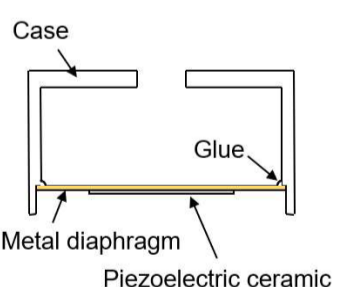
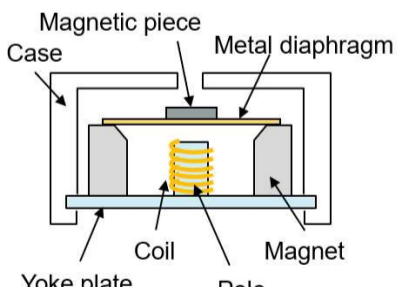


Medical



Meter

Products & Specifications

Comparison Item	Piezoelectric	Electromagnetic	Comparison Item	Piezoelectric	Electromagnetic
Power consumption (Drive mechanism)	Small (Voltage driven)	Large (Current driven)	Appearance	 Murata PKHPS0013E4000-A2	
Number of parts	Low	High	Structure		
Low profile (thin design)	Easy	Difficult			
Weight	Light	Heavy			
Electromagnetic noise production	No	Yes			
Sound Pressure Level	>83 dB <small>*Typical value [3Vp-p, 4kHz, 10cm]</small>	>88 dB			
Sound quality	Good	Excellent			
Cost	1	1.5~			

For detail, please visit below our website

<https://www.murata.com/en-sg/products/sound/sounder>

