

# Applications guides | Electronic Thermometer for the acoustic components



It is used to emit a signal sound when process is finished

Electronic thermometers have already been used popularly. They are used for measuring human body temperature, they display numeric values. For example, a typical inexpensive electronic ear thermometer is used for home use.

Other kinds of medical thermometers exist, such as the tympanic thermometer that measures the temperature of the tympanum by infrared measurement, The thermometer has a projection (protected by a one-time hygienic sheath) which contains the infrared probe; the projection is gently placed in the ear canal and a button pressed; the temperature is read and displayed within about a second. These thermometers are used both in the home and in medical facilities.



Suggested Item	64PE15041	64PE20040
Size (mm)	∅ 15 x 0.22	∅ 20 x 0.22
Frequency(Hz)	4100	4000
Capacitance(pF)	9000	26000



Suggested Item	DB-E1108	DB-E1998	DB-E2098	DB-E1898	DB-E2338
Size (mm)	∅ 12.6 x 6.3	11 x 9 x 1.7	11 x 9 x 1.7	12 x 12 x 3	∅ 13.8 x 6.4
Sound Pressure Level (dBA)	80	70	75	70	85
Product Type	Piezo	Piezo	Piezo	Piezo	Piezo
Type	Pin	SMD	SMD	SMD	Pin