Pyroelectric Infrared Sensor

ADPS10aB

■ Features

★ **Reliable performance**

★ **Excellent Quality**

★ **High stability against ambient temperature change**

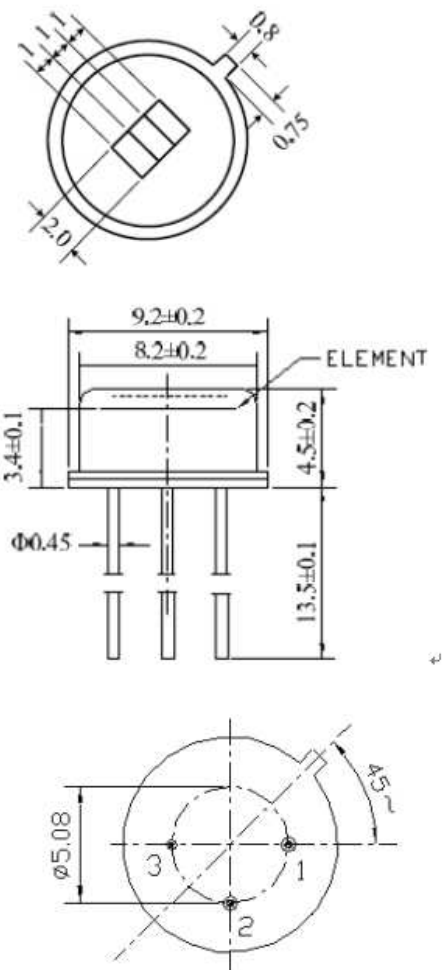★ **Excellent immunity characteristic to EMC**

■ Application

★ Human Detection

IP camera , Thermostat / Door bell

Security, Lighting System

■ Specification (Characteristics)

Item	Specification
Element Size	2mm×1mm, 2 elements
Window Size	3mm×2mm
Spectral Response	5-14μm
Transmission	≥75%
Signal Output (Vp-p)	≥3500mV
Responsivity	110mVp-p
Noise (Vp-p)	<70mV (4200 gain)
Offset Voltage	0.3-1.5V
Supply Voltage	3-15V
Operation Temperature	-30℃ to +70℃
Storage Temperature	-40℃ to +80℃

■ Dimension (Unit: mm)

■ Part Number and Ordering

Part Number Code	Product code + Model no
Ordering Code	ADPS10aB

Pin No.	Function
Pin 1	Drain
Pin 2	Source
Pin 3	Ground