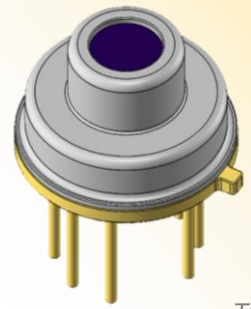


# Thermopile sensor

## A3A01S-AU-33-120

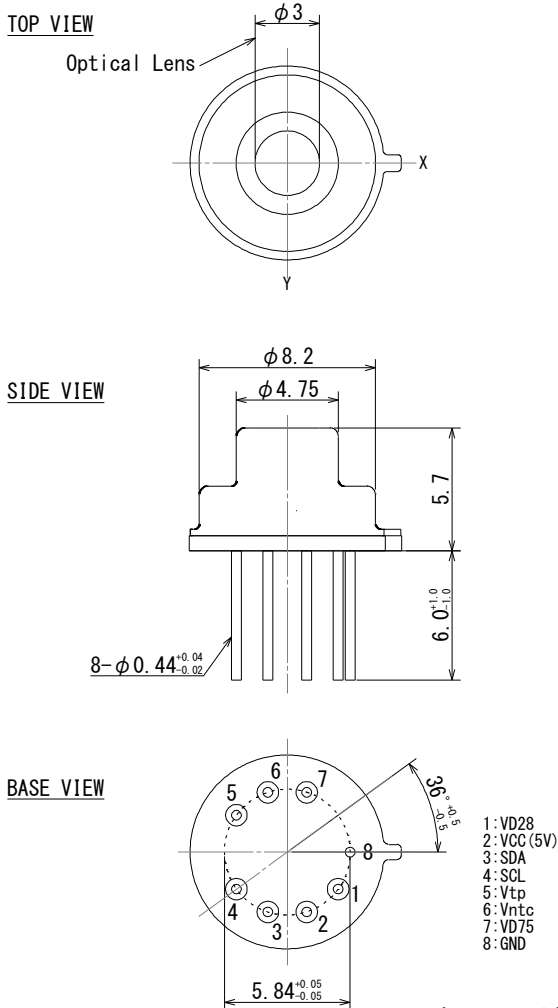
- Applications **Microwave oven**  
(Food temperature detection)  
Target temperature -20~120°C

- Feature **ASIC built-in thermopile(Analog output)**  
**Single element**

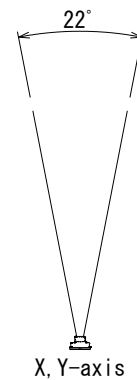


TO-5

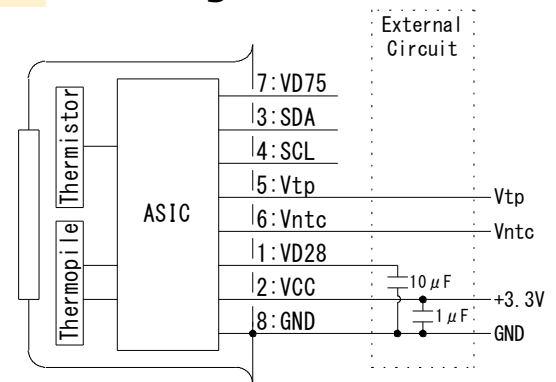
### Dimensions



### FOV



### Circuit diagram



### ■ Main Parameters

Tolerance without instruction : +/- 0.2

Parameters	Condition	Spec.			Units
		Min.	Typ.	Max.	
Operating Voltage		3	3.3	3.6	V
Detection Temperature		-20		60	°C
Operating Temperature		-20		100	°C
Storage Temperature		-30		105	°C
Accuracy		-2		+2	°C
Time Constant	First time only 49.4msec.	29.4			msec.