



THERMOMETRICS
A COMMITMENT TO EXCELLENCE

Product Spotlight



TO-39 package IR detector



Description

The thermopile sensor is used for non-contact surface temperature measuring. TO-metal package IR sensor consisted of thermo-elements, flat IR filter(Lens), device for temperature compensation(Thermistor) and hermetically sealed metal package.

Applications

- Ear-Thermometer
- Non-contact Thermometer

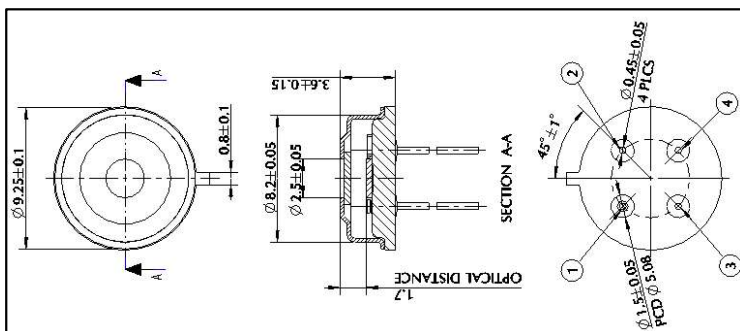
Features

- Included Ambient temp.(Thermistor) Sensor for compensation.
- High Sensitivity
- Fast Response time
- Low cost

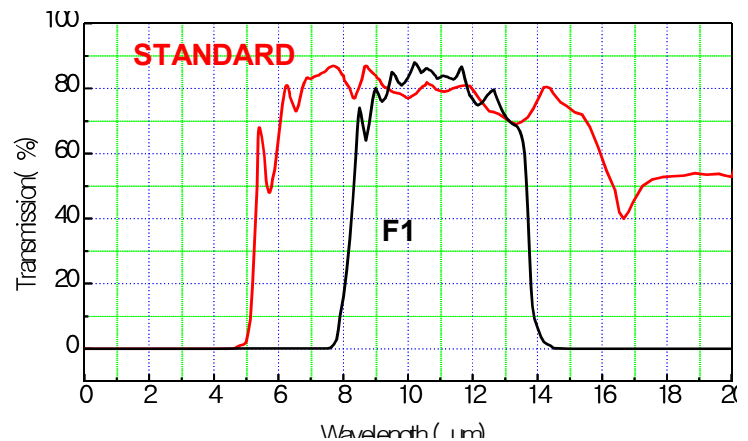
Specification

Part name	Chip size (mm)	Responsivity (V/W)	FOV	TP Chip Resistance(kΩ)	Remark
ZTP-115	1.8×1.8	50	55	60	
ZTP-101	3.0×3.0	110	50	200	
ZTP-315	3.6×3.6	32	75	50	
ZTP-135BL	1.8×1.8	5	9	60	Narrow FOV
ZTN-325-G3	3.6×3.6	32	75	50	CO2 Gas detector

Dimension



Filter Transmittance data



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Specifications are subject to change without notice.