

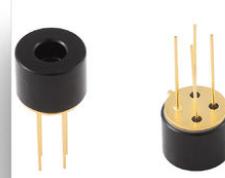
High Infrared Response Rate Temperature Sensor

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SS-T3AL-F55
- Minimum Order Quantity: 1
- Packaging Details: carton packing
- Delivery Time: 4 weeks
- Payment Terms: T/T





LT-SS-T3AL-F55

Product Specification

- Features: High Infrared Responsiveness, Repeatability And Reliability
- Product Name: Temperature Sensor
- Material: Aluminum
- Operating Temperature: -20~85
- Application: Temperature Measurement
- Color: Silver
- Highlight: LT-SS-T3AL-F55,
LT-SS-T3AL-F55 Temperature Transducer,
high temperature pressure transducer

Product Description

High Infrared Response Rate Temperature Sensor

Product Attributes

Attribute	Value
Product name	Temperature Sensor
Features	High infrared responsiveness, repeatability and reliability
Material	Aluminum
Operating Temperature	-20~85
Application	Temperature Measurement
Color	Silver

Product Description

LT-SS-T3AL-F55 High Infrared Response Rate Temperature Sensor for Industrial

Quick Detail

Aluminum housing

High infrared response rate

-70 ~+300 temperature measure range

High reliability

CE, RoHS, REACH compliant

1 Year Warranty

LT-SS-T3AL-F55 is a ZR part number for Temperature Sensor. TO-39 package, viewing Angle 38°; High infrared absorption layer structure, high sensitivity; Fully integrated digital infrared thermopile; I2C interface, support PWM, relay mode output; Good stability, working temperature: -20 ~85 ; Built-in high precision 24-Bit Sigma delta ADC, and calibration DSP algorithm, etc. Temperature measurement range: -20~+300 ; Temperature measurement accuracy: ±1 below 100 , ±2% above 100 .

Specifications

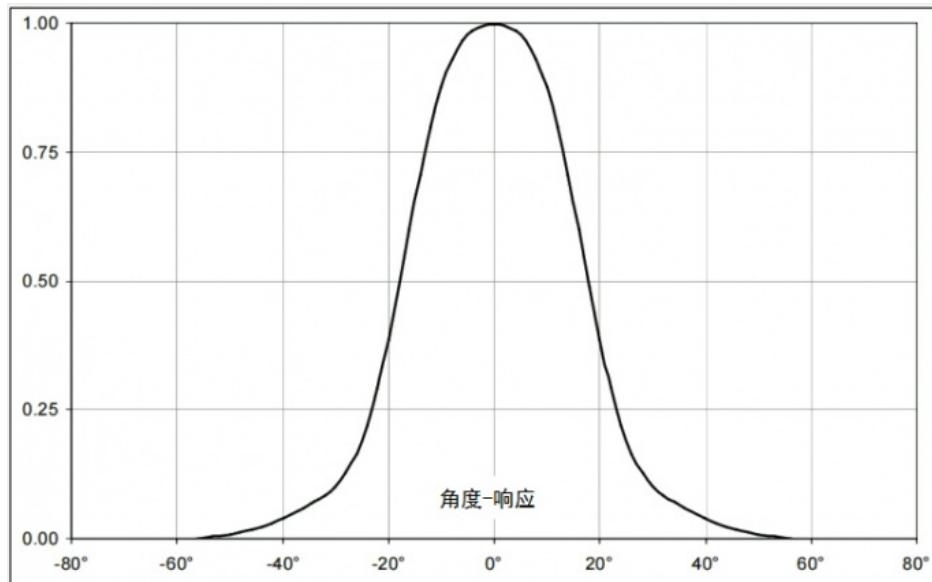
Electrical / Optical Characteristics (Ta=25 ± 3)

Items	Specification	Conditions
Part Number	LT-SS-T3AL-F55	
Thermopile Sensitive Area	1.4*1.4mm ²	
Field	38°	
Operating Voltage	2.3V Min.	
Operating Current	800µA Max. ; 507µA Typ.	
Sleep Current	5µA Typ.	
Operating Temperature	-20 ~+85	
Storage Temperature	-40 ~+125	

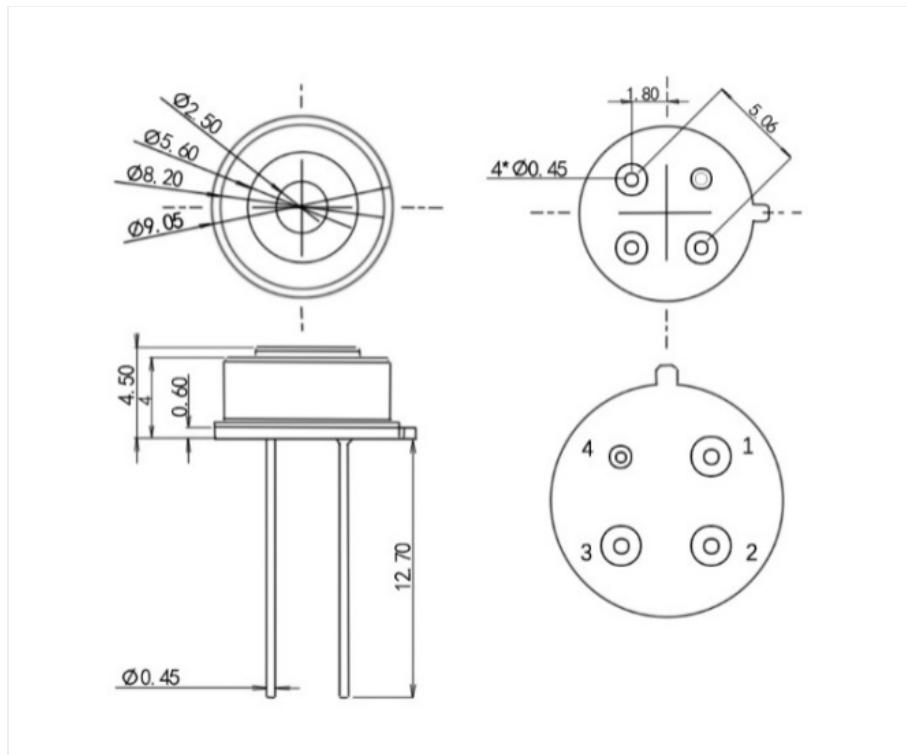
ESD performance HMB	$\pm 2\text{kV}$ Typ.	
Filter Wavelength Range	5.5-15 μm	
Measuring Range	-70 ~+300	
Accuracy	± 1 (100 Min.@measure range $\pm 2\%$)	

Note: for custom specs, please contact us directly.

Field



Outline Drawing (Unit: mm)





17342580638



info@zrhitech.com



zrhitech.com

Room 507, Advanced Technology Achievement Western Transformation Center, No. 36 Xingke South Road,
Jinniu District, Chengdu, Sichuan, China