

## 1.4\*1.4mm High Precision MEMS Thermoelectric stack sensor

Our Product Introduction

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### 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



### Product Specification

- Features: High Infrared Responsiveness, Repeatability And Reliability
- Product Name: MEMS Pressure Sensor
- Material: Aluminum
- Operating Temperature: -20~85°C
- Application: Temperature Detection
- Color: Silver
- Highlight: **High Precision MEMS Thermoelectric stack sensor**  
**, 1.4\*1.4mm MEMS Thermoelectric stack sensor**

## Product Description

### LT-SS series high precision MEMS thermoelectric stack sensor

#### Quick Detail:

- SOP or DIP packaging
- MEMS technology
- Temperature measurement range:-20~+300°C
- I2C interface,support PWM
- high stability,Operating Temperature -20°C~85°C
- TO-39 package,Viewing Angle 38°
- CE, RoHS, REACH compliant
- 1 Year Warranty

#### Description:

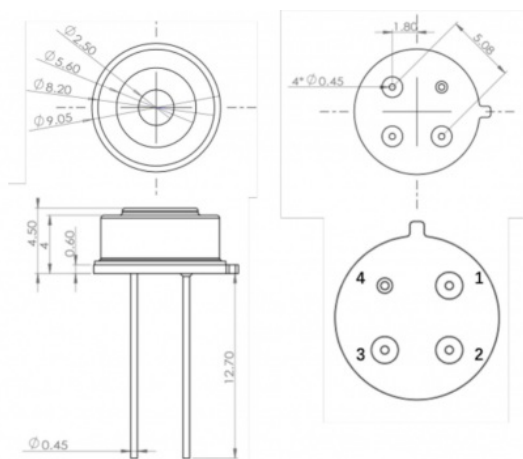
LT-SS-T3AL-F55 is a ZR part number for MEMS thermoelectric stack sensor;Viewing Angle 38°,High sensitivity;Good stability,

#### Specifications:

#### Electrical / Optical Characteristics (Ta=25°C±3°C)

Items	Specification	Conditions
Part Number	LT-SS-T3AL-F55	
Chip Size		
Sensitive Area	1.4*1.4mm	
Viewing Angle	38°	
Operating voltage	3.6V	
Operating current	507μA	
Sleep current	5 μA	
Operating Temperature	-20°C~+85°C	
Storage Temperature	-40°C~+125°C	
ESD performance HMB	±2kV	
Wavelength range of filter	5.5~14 μm	
Temp. measurement range	-70~+300 °C	
Temp. measurement accu.	±1°C(>100 temp.measurement±2% of the bubble)	
Note: for custom specs, please contact us directly.		

#### Outline Drawing (Unit: mm):



Electrical connection				
PIN	1	2	3	4
Define	SLA	SDA	VDD	VSS/GND
Function	I <sup>2</sup> C clock port	I <sup>2</sup> C data port	Power supply positive	Grounding(pipe selling grounding)



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