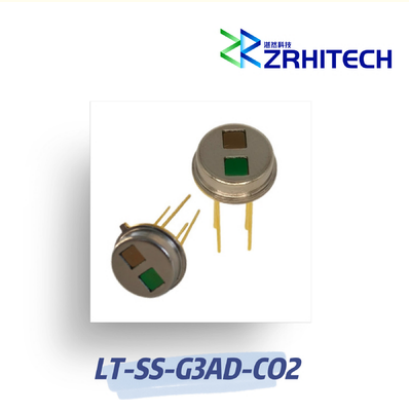
Repeatable NDIR CO2 Gas Sensor with High Infrared Response Rate and Silver Technology

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SS-G3AD-CO2
- 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: Gas Sensor
- Material: Aluminum
- Operating Temperature: -20~100℃
- Application: HVAC, AQMS, Air Cleaner
- Color: Silver
- Highlight: **Repeatable CO2 Gas Sensor**, **Silver Technology CO2 Gas Sensor**

Product Description

1.8*1.8MM LT-SS series high precision gas sensor

Quick Detail:

- · Aluminum housing
- · High infrared response rate
- · -20℃~+100℃ operating temperature
- · High repeatability
- · high reliability
- · NDIR CO2
- · TO-39 Twin window metal shell package
- · CE, RoHS, REACH compliant
- · 1 Year Warranty

Description:

LT-SS-G3AD-CO2 is a ZR part number for Gas Sensor.Viewing Angle 108°;High sensitivity;Good stability, working temperature: -20℃~+100℃;

Specifications:

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

Items	**Specification**	**Conditions**
Part Number	LT-SS-G3AD-CO2	
Chip Size	1.8*1.8mm	
Sensitive Area	1.4*1.4mm	
Field	108◦	
Resistance	72±8 kΩ	
Noise Figure	34±2 nV/Hz$^{1/2}$	
Noise Equivalent Power	0.43 nW/Hz$^{1/2}$	
Response Ratio	78V/W	
Time Constant	25ms	
Detectivity	1.6E08 cm*Hz$^{1/2}$/W	
Thermistor Value	100±1% kΩ	
Thermistor Beta Value	3950±1% K	
Operating Temperature	-20℃~+100℃	
Storage Temperature	-40℃~+125℃	
Dimension	16×9.85 series(4pad)	
Note: for custom specs, please contact us directly.		

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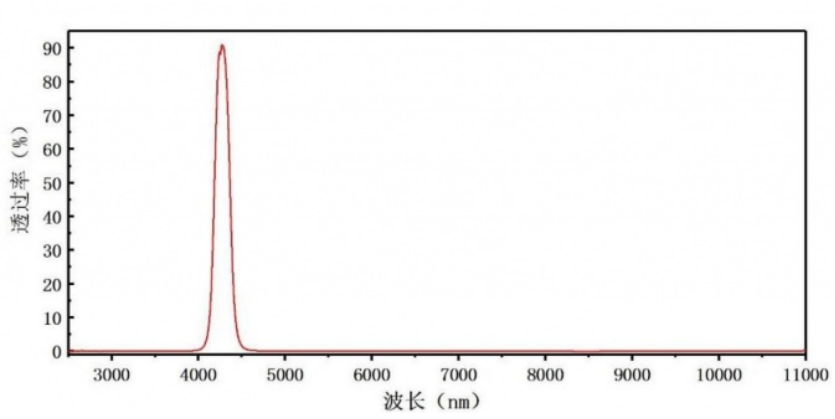
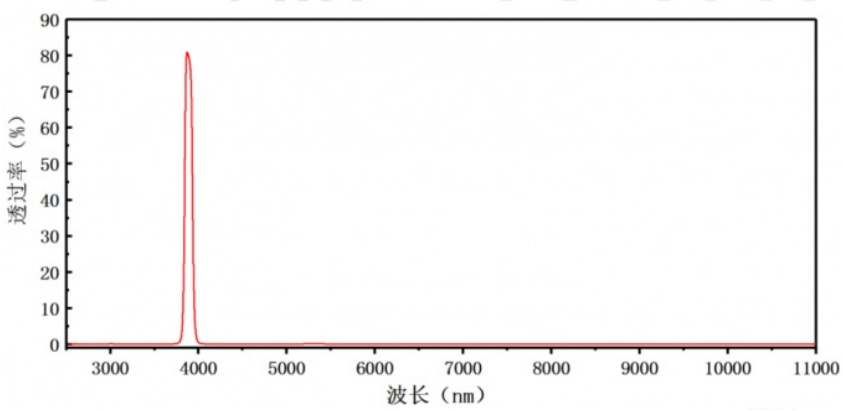
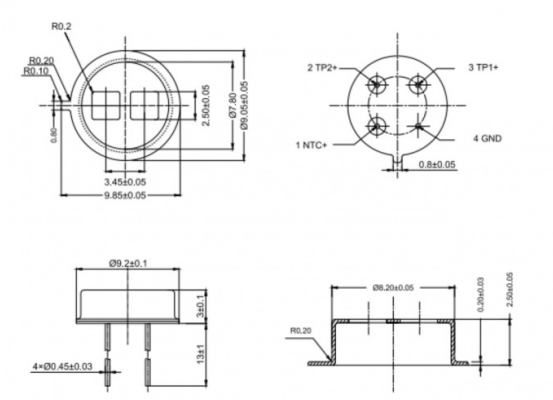




Outline Drawing (Unit: mm):



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