

Aluminum 5V-15V High Precision MEMS Pressure Sensor

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ZR Hi-Tech
- Model Number: LT-SS-P-10-700-SOP
- 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: -30~100°C
- Application: Pressure Detection
- Color: Silver
- Highlight: **High Precision MEMS Pressure Sensor, Temperature Range MEMS Pressure Sensor, 15V MEMS Pressure Sensor**

Product Description

LT-SS series high precision MEMS pressure sensor

Quick Detail:

- SOP or DIP packaging
- MEMS technology
- Table pressure type
- Suitable for non-corrosive gases
- high sensitive
- Pressure detection
- CE, RoHS, REACH compliant
- 1 Year Warranty

Description:

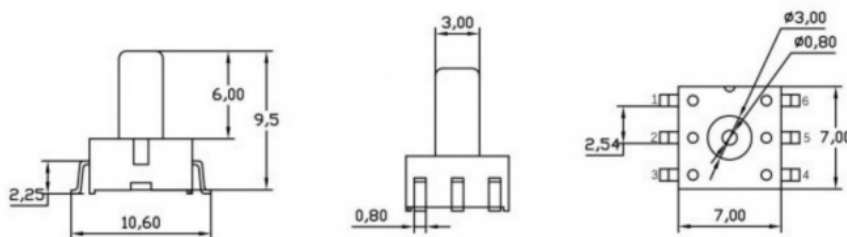
LT-SS-P-10-700-SOP is a ZR part number for MEMS pressure sensor;High sensitivity;Good stability,

Specifications:

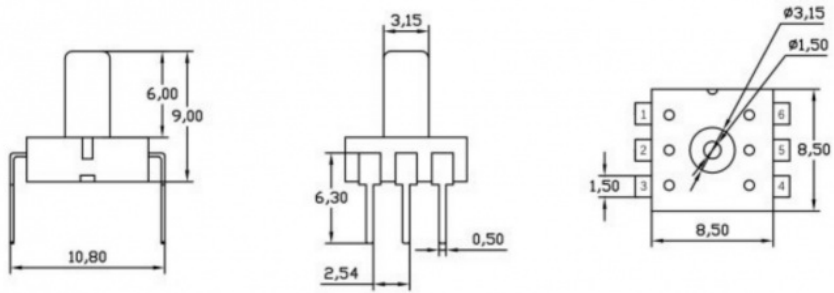
Electrical / Optical Characteristics (Ta=25°C±3°C)

Items	Specification	Conditions
Part Number	LT-SS-P-10-700-SOP	
Voltage power supply	5~15V	
Current power supply	1~3mA	
Range of measurement	10,20,40,100,200,700 kPa	
Zero output	-10~10mV	
Full range output 10kPa	35~65mV	
Full range output 20kPa	35~50mV	
Full range output 40kPa	60~90mV	
Full range output 100/200kPa	60~120mV	
Full range output 700kPa	30~60mV	
Overload capacity(pressure range≤40 kPa)	3X rate	
Overload capacity(40 kPa≤pressure range≤200kPa)	2X rate	
Overload capacity(pressure range≤200kPa)	1.5X rate	
Operating Temperature	-30°C~+100°C	
Storage Temperature	-40°C~+150°C	
Nonlinear(pressure range≤10 kPa)	-1.0~1.0 %FS	
Nonlinear(20 kPa≤pressure range)	-0.3~0.3 %FS	
Sluggish	-0.3~0.3 %FS	
Repetitiveness	-0.3~0.3 %FS	
Note: for custom specs, please contact us directly.		

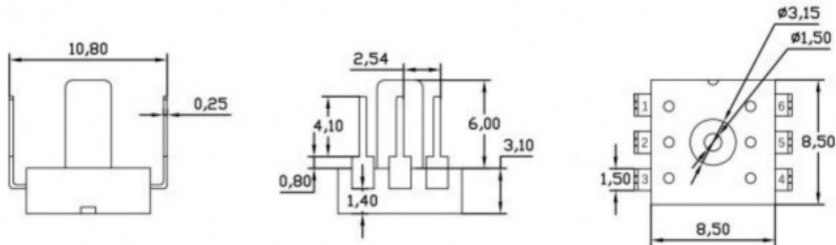
Outline Drawing (Unit: mm):



(SOP outline)



(DIP Outline - R type)



(DIP Outline - F type)

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