



传递温度·感知冷暖

新能源汽车 NTC 温度传感器

New Energy Vehicle NTC Temperature Sensor



高精度

High Accuracy

高可靠

High Reliability

高灵敏

High Sensitivity



肇庆爱晟传感器技术有限公司

Exsense Sensor Technology Co., Ltd.

公司介绍 Introduction:

肇慶愛晟傳感器技術有限公司專業從事研發、生產及銷售高精度、高靈敏、高可靠的 NTC 熱敏芯片、NTC 熱敏電阻、NTC 溫度傳感器等產品，廣泛應用於辦公自動化設備、智能家居、新能源汽車等領域。在 2019 年獲得國家高新技術企業證書，並成為全國知識產權示範單位。我司已獲得 IATF16949 汽車質量體系認證、TUV ISO9001 質量管理體系認證及一百餘項發明專利，同時是國內少數擁有從 NTC 熱敏芯片研發到成品生產全產業鏈的溫度傳感器製造商。



公司願景“創世界一流、造幸福愛晟”。現正致力於不斷完善管理機制，吸引優秀人才，強化質量意識，發展名牌戰略，在中國電子行業打造出世界一流的高品質 NTC 熱敏電阻與溫度傳感器，力爭將愛晟品牌（EXSENSE）衝出國門，走向世界！

Exsense Sensor Technology Co., Ltd. specialize in R&D, production and selling high-precision, high-sensitivity, high-reliability NTC chips, NTC thermistors, NTC temperature sensors and other products, which are widely used in office automation equipment, smart home, new energy vehicles and other fields. We gained the national high-tech enterprise certificate in year 2019 and became the national intellectual property demonstration unit. Meanwhile, we also gained the certificate of IATF16949 and ISO9001 quality management system from TUV and more than one hundred invention patents. We are one of the industrial chain company in China which is the manufactory from the design of NTC chip to NTC thermistor and finished products.

Our prospect is “Create world-class quality, Achieve a happy Exsense family”. We devote to building the world-class quality of NTC thermistor & temperature sensors and keep improving management mechanism & implementing famous brand strategy to make Exsense tend towards to the world.

产品特点 Advantages:

- ◇ 高精度 High Precision
- ◇ 高可靠 High Reliability
- ◇ 高灵敏 High Sensitivity



应用领域 Applications:

- ◇ 新能源汽车
- ◇ OA 办公自动化
- ◇ 智能家居

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新能源汽车电池包 NTC 温度传感器

NTC Temperature Sensor for New Energy Vehicle Battery



应用 Application

- ◇ 新能源汽车电池包, BMS 或其他应用
- ◇ New energy vehicle battery pack, BMS, or other applications etc.

特点 Key Features

- ◇ 性能稳定, 可靠性高
- ◇ 尺寸小, 感应快, 灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- ◇ Stable performance, high reliability
- ◇ Fast response
- ◇ Good thermal cycle endurance
- ◇ Customized specification
- ◇ Operating temperature: $-40^{\circ}\text{C} - 150^{\circ}\text{C}$

型号 Ordering Information

Part No.	R _{25°C} (KΩ)	B(K)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
103F25C3950FA	10	3950	2-4	0.5-2
103F25C3435FA	10	3435		
503F25C3950FB	50	3950		
49K12F3970	49.12	3970		
26K29F3970	26.29	3970		

充电桩充电设备用 NTC 温度传感器

NTC Temperature Sensor for Charging Pile, Charging Equipment



应用 Application

- ◇ 充电桩充电设备或其他用途.
- ◇ Charging Pile, Charging Equipment or other applications etc.

特点 Key Features

- ◇ 性能稳定, 可靠性高
- ◇ 尺寸小, 感应快, 灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$
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型号 Ordering Information

Part No.	R25°C (KΩ)	B(K)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
103F25C3950FA	10	3950	2-4	0.5-2
103F25C3435FA	10	3435		
503F25C3950FB	50	3950		
49K12F3970	49.12	3970		
26K29F3970	26.29	3970		

摩托车汽车油温用 NTC 温度传感器

NTC Temperature Sensor for Measuring the Oil Temperature of Automotives



应用 Application

- ◇ 摩托车汽车油温或其他用途.
- ◇ Measuring the Oil Temperature of Automotives or other applications etc.

特点 Key Features

- ◇ 性能稳定，可靠性高
- ◇ 尺寸小，感应快，灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围：-40° C~150°
- ◇ Stable performance, high reliability
- ◇ Fast response
- ◇ Good thermal cycle endurance
- ◇ Customized specification
- ◇ Operating temperature: -40°C - 150°C

型号 Ordering Information

Part No.	R25°C (KΩ)	B(K)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
103F25C3950FA	10	3950	2-4	0.5-2
103F25C3435FA	10	3435		
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49K12F3970	49.12	3970		
26K29F3970	26.29	3970		

汽车空调用 NTC 温度传感器

NTC Temperature Sensor for Automobile A/C



应用 Application

- ◇ 汽车空调或其他用途.
- ◇ Automobile A/C or other applications etc.

特点 Key Features

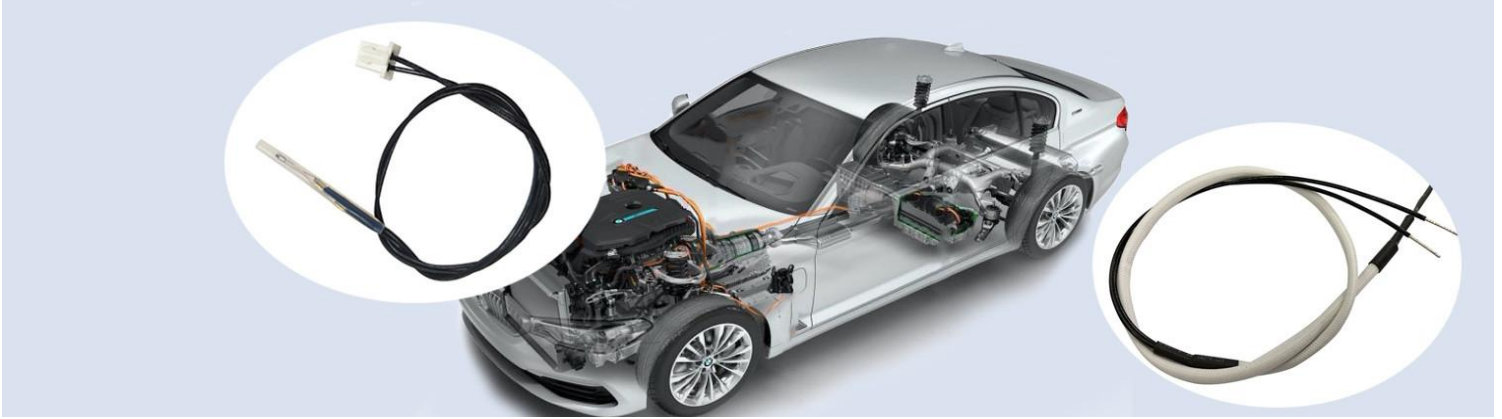
- ◇ 性能稳定, 可靠性高
- ◇ 尺寸小, 感应快, 灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- ◇ Stable performance, high reliability
- ◇ Fast response
- ◇ Good thermal cycle endurance
- ◇ Customized specification
- ◇ Operating temperature: $-40^{\circ}\text{C} - 150^{\circ}\text{C}$

型号 Ordering Information

Part No.	R25°C (K Ω)	B(K)	Dissipation factor(δ) (mW/ $^{\circ}\text{C}$)	Thermal time constant (s)
103F25C3950FA	10	3950	2-4	0.5-2
103F25C3435FA	10	3435		
503F25C3950FB	50	3950		
49K12F3970	49.12	3970		
26K29F3970	26.29	3970		

汽车电机用 NTC 温度传感器

NTC Temperature Sensor for Automobile Motor



应用 Application

- ◇ 汽车电机或其他用途.
- ◇ Automobile Motor or other applications etc.??

特点 Key Features

- ◇ 性能稳定, 可靠性高
- ◇ 尺寸小, 感应快, 灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围: $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$
- ◇ Stable performance, high reliability
- ◇ Fast response
- ◇ Good thermal cycle endurance
- ◇ Customized specification
- ◇ Operating temperature: $-40^{\circ}\text{C} - 150^{\circ}\text{C}$

型号 Ordering Information

Part No.	R25°C (KΩ)	B(K)	Rated power @25°C (mW)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
202F3600A	2	3600	10-20	2-4	3-10
502F3470A	5	3470			
103F3435B	10	3435			
303F3936A	30	3936			
104F3950A	100	3950			

直流变换器逆变组件用 NTC 温度传感器

NTC Temperature Sensor for DC Converter / Inverter Components



应用 Application

- ◇ 直流变换器逆变组件或其他用途.
- ◇ DC Converter / Inverter Components or other applications etc.

特点 Key Features

- ◇ 性能稳定，可靠性高
- ◇ 尺寸小，感应快，灵敏度高
- ◇ 良好的耐热循环能力
- ◇ 接受定制
- ◇ 工作温度范围：-40° C~150°
- ◇ Stable performance, high reliability
- ◇ Fast response
- ◇ Good thermal cycle endurance
- ◇ Customized specification
- ◇ Operating temperature: -40°C - 150°C

型号 Ordering Information

Part No.	R25°C (KΩ)	B(K)	Dissipation factor(δ) (mW/°C)	Thermal time constant (s)
103F25C3950FA	10	3950	2-4	0.5-2
103F25C3435FA	10	3435		
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