

仙桥电子玻封型负温度系数热敏电阻 GN 系列产品为玻璃封装两端轴向引出线结构，具有体积小、稳定性好、可靠性高，工作温区宽（-50℃ ~ 300℃）等特点，适用于温度测量、温度控制或电路补偿等领域。



SENSICOM SNG series are a glass sealed double head sink Thermistors, it features small size and high stability and a wide range of operating, temperature area width (from -50℃ to 300℃), it can be used in temperature measurement, control or in circuit compensation.

产品特点

Features

满足 RoHS 要求	Rohs compliant
高稳定性、高可靠性。	High stability and reliability。
能适用于高温、潮湿的恶劣环境	Suitable for high temperature、high humidity applications
高精度、小型化。	Small precision type
阻值范围宽：0.1 ~ 1000KΩ	Resistance: 0.1 ~ 1000KΩ
热感应快、灵敏度高	Fast response to the temperature, High delicacy

产品应用

Product Applications

家用电器 (如空调机、冰箱、电风扇等)	Home appliances (air conditioner, refrigerator, electric fan)
汽车电子	Automotive electronic
加热器	Heater
液面指示各流量测量	Indication of the liquid and measurement of the flow
仪表线圈、集成电路、石英晶体振荡器和 热电偶的温度补偿	Temperature compensation of loops of instrument, integrate circuit, Quartz crystal monofier and thermocouple

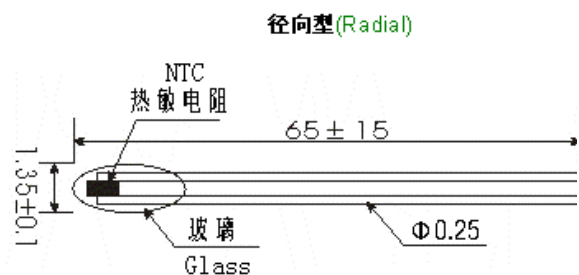
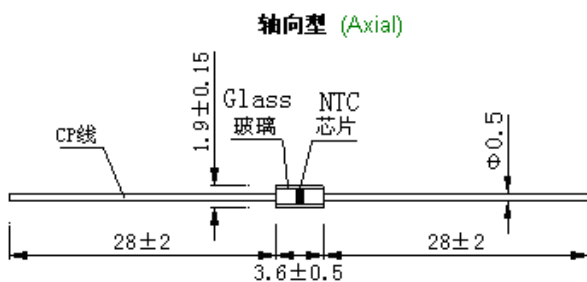
产品规格型号表示方法

Part Number Identification

	SNG	A	R103	F	B1	4050	F	B
	①	②	③	④	⑤	⑥	⑦	⑧
①	产品系列: SNG 系列指玻封型负温度系数热敏电阻					Production Series:SNG Series Glass shell NTC Thermistor		
②	引线方向: A=轴向、R=径向。					Lead Direction:A=Axial , R=Radial		
③	产品阻值 (25℃电阻值) : R103=10×103Ω。					Production Resistance (Resistance @25°C) : R103=10×103Ω		
④	产品阻值误差: F=±1%、G=±2%、H=±3%、J=±5%、K=±10%。					Production Resistance error: F=±1%、G=±2%、H=±3%、J=±5%、K=±10%		
⑤	B 值种类: B1 = B25/50、B2 = B25/85、B3 = 其它 B 值					B-value sort: B1 = B25/50、B2 = B25/85、B3 = other B-value		
⑥	产品 B 值: 4050 表示 B 值为 4050K。					Production B-value:4050 indicates B-value do 4050K。		
⑦	B 值误差: F=±1%、G=±2%、H=±3%、J=±5%					B-value error: F=±1%、G=±2%、H=±3%、J=±5%		
⑧	包装方式: B = 散装、T = 盘装					Packaging mode:B= Bulk、T= Tape& Reel		

产品尺寸 (单位: mm)

Dimension (unit: mm)



产品参数

Product Parameter

25°C电阻值(KΩ)	5 ~ 200
Production Resistance @25°C(KΩ)	
B 值 25/50°C(K)	2500-4200
Production B-value	
阻值误差	±1%,±3%,±5%,
Tolerance of Resistance	
B 值误差	±1%,±3%
Tolerance of B-value	
工作温度范围	- 40°C ~ + 300°C
Operating Temperature Range	
耗散系数(δ)	≥2 mW/°C
Dissipation Factor	
热时间常数(τ)	10sec
Thermal Time Constant	
最大额定功率(p)	120mW
Max. Power Rating at 25°C	

◆ **Customized products are available**

ATTENTION

To improve reliability, function, design or otherwise constantly, or to satisfy customer requirements. some standards or methods of product test may be different. consequently, the product details described in this introduction are subject to change without notice, please review the latest product specification for product specifications before ordering.