

**NTC Thermistor Series**

**KLS6-MF58 Glass Shell Precision NTC Thermistors Series**

**1. Introduction**

The product is processed with the combination of ceramic and semiconductor techniques. It is introduced axially from both sides and wrapped with purified glass.

**2. Applications**

Temperature compensation and detection of household appliances (eg air conditioners, microwave ovens, electric fans, electric heaters etc.)

Temperature compensation and detection of office automation facilities (eg copiers, printers etc.)

Temperature compensation and detection of the industrial, medical, environmental protection, weather and food processing equipment

Liquid level display and flowrate measurement

Mobile phone battery

Temperature compensation of apparatus coils, integrated circuits, quartz crystal oscillators and thermocouples.



**3. Features**

Fine stability, high reliability

Wide range of resistance: 0.1 ~ 1000KΩ

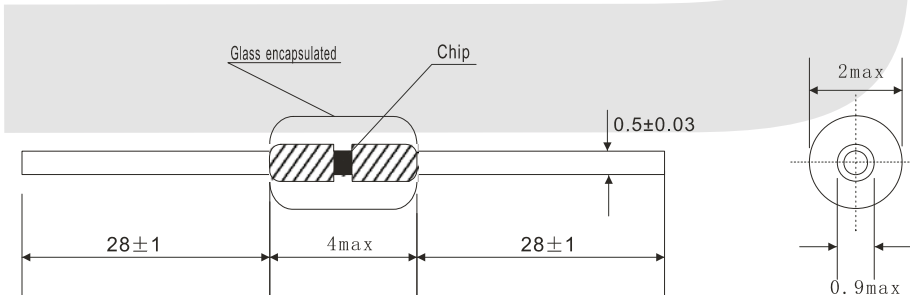
High resistance precision

Usable in high-temperature and high-moisture environments due to the glass wrapping

Small, light, firm structure, convenient automatic installation on PCB

Prompt heat sensing speed, high sensitivit

**Dimension (Unit: mm)**



**Main Techno-Parameter**

1. The range of resistance under the rated zero power ( $R_{25}$ ): 0.1 ~ 1000KΩ
2. The allowable tolerance of  $R_{25}$ : ± 1%, ± 2%, ± 3%, ± 5%, ± 10%
3. The range of B value ( $R_{25/150^{\circ}C}$ ): 3100 ~ 4500K
4. The allowable tolerance of B value: ± 0.5%, ± 1%, ± 2%
5. Dissipation factor: ≥ 2mW /°C (In Still Air)
6. Thermal time constant: ≤ 20S (In Still Air)
7. The range of operating temperature: -55°C ~ +200°C
8. Rated Power: ≤ 50mW

**ORDER INFORMATION**

