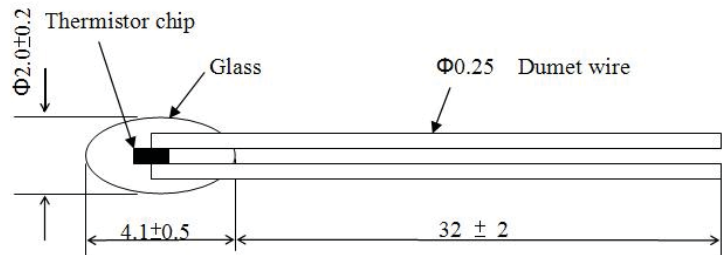


## GS Series



(Unit: mm)



### FEATURES

- Low cost
- High stability
- Glass sealed body for high reliability

The GS series thermistor is a thermistor sensor with a glass sealed package, which possesses highly reliable and offers a wide operating range of  $-30\text{ }^{\circ}\text{C}$  to  $250\text{ }^{\circ}\text{C}$ . They can be employed for home electric appliances and high temperature applications.

### SPECIFICATIONS

Item	Symbol	Conditions	Specification	Unit
Resistance at $T_a$	$R_{25}$	$T_a = 25\text{ }^{\circ}\text{C}$	1,000 ~ 100,000	$\Omega$
B constant	B	$25\text{ }^{\circ}\text{C} / 85\text{ }^{\circ}\text{C}$	3100 ~ 4665	K
Thermal dissipation constant	C	$T_a = 25\text{ }^{\circ}\text{C}$	1	$\text{mW}/^{\circ}\text{C}$
Thermal time constant	T	$T_a = 25\text{ }^{\circ}\text{C}$	12	sec
Operating temp. range	---	---	- 30 ~ 250	$^{\circ}\text{C}$



ORDERING INFORMATION

ES GS 103 H 3435 F - 25 32

E WAY Sensor

Glass Sealed Thermistor

Resistance at 25°C :

- 102 = 10 x 10<sup>2</sup> = 1,000 Ω
- 103 = 10 x 10<sup>3</sup> = 10,000 Ω
- 104 = 10 x 10<sup>4</sup> = 100,000 Ω

R Tolerance :

- F:±1% ; G:±2% ; H:±3% ; J:±5% ; K:±10%

B Value (K) :

B Tolerance :

- F:±1% ; G:±2% ; H:±3% ; J:±5%

Wire Gauge :

25 = ø 0.25 mm

Length (wire) :

32 = 32 mm