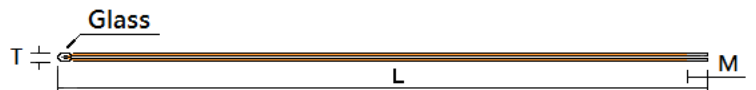


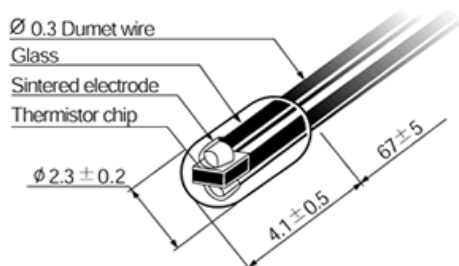
# UGT Series



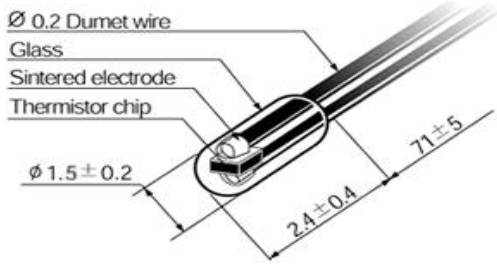
## FEATURES:

- Very long-term stability, reliability and accuracy with a little secular change as being glass-sealed.
- High voltage insulation and temperature capability due to be sealed in a glass package.
- Especially Suitable for use with automatic insertion equipment.
- Various specification by size from  $\Phi 0.55 \sim \Phi 2.5$  and very wide operating temperature range from  $-40^{\circ}\text{C}$  to  $+300^{\circ}\text{C}$
- Contribution to cost down, by the reduction of electric parts in circuits.
- As being glass sealed, no heat processing trouble happens, though resin coated items may become feasible in humidity-resistance or will change resistance value due to resin crack
- Reasonable price through automated production .

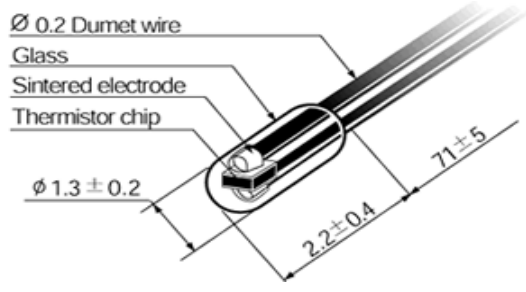
## SPECIFICATIONS



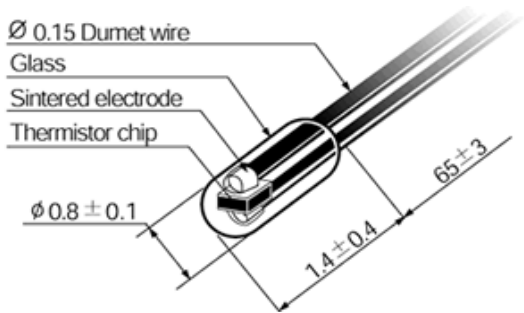
Type	Item No.	Nominal Zero-Power Resistance (at $25^{\circ}\text{C}$ )	B-value (25/85 $^{\circ}\text{C}$ )
UGT-S1	202	2,000 K $\Omega$	3499 K
	502	5,000 K $\Omega$	3480 K
	103	10,000 K $\Omega$	3435 K
	203	20,000 K $\Omega$	3950 K
	303	30,000 K $\Omega$	3950 K
	503	50,000 K $\Omega$	3950 K
	473	47,000 K $\Omega$	3950 K
	104	100,000 K $\Omega$	3950 K



Type	Item No.	Nominal Zero-Power Resistance (at25°C)	B-value (25/85°C)
<b>UGT-S2</b>	102	1,000 K $\Omega$	3305 K
	202	2,000 K $\Omega$	3499 K
	502	5,000 K $\Omega$	3480 K
	103	10,000 K $\Omega$	3435 K
	203	20,000 K $\Omega$	3950 K
	303	30,000 K $\Omega$	3950 K
	503	50,000 K $\Omega$	3950 K
	473	47,000 K $\Omega$	3950 K
	104	100,000 K $\Omega$	3950 K



Type	Item No.	Nominal Zero-Power Resistance (at 25°C)	B-value (25/85°C)
UGT-S3	202	2,000 KΩ	3499 K
	232	2,300 KΩ	3950 K
	332	3,300 KΩ	3950 K
	502	5,000 KΩ	3480 K
	103	10,000 KΩ	3435 K
	103	10,000 KΩ	3950 K
	203	20,000 KΩ	3950 K
	303	30,000 KΩ	3950 K
	503	50,000 KΩ	3950 K
	473	47,000 KΩ	3950 K
	104	100,000 KΩ	3950 K
	104	100,000 KΩ	4066 K
	204	200,000 KΩ	4200 K
	304	300,000 KΩ	4310 K
	504	500,000 KΩ	4260 K



Type	Item No.	Nominal Zero-Power Resistance (at 25°C)	B-value (25/85°C)
UGT-S4	102	1,000 KΩ	3305 K
	202	2,000 KΩ	3499 K
	502	5,000 KΩ	3480 K
	103	10,000 KΩ	3435 K
	203	20,000 KΩ	3950 K
	303	30,000 KΩ	3950 K
	503	50,000 KΩ	3950 K
	473	47,000 KΩ	3950 K
	104	100,000 KΩ	3950 K

Temperature rating -40°C to 300°C      B value : 3480 ~5300  
Determined by rated zero-power Resistance at 25°C and 85°C

Tolerance      ±1%   ±3%   ±5 %

Order Map      UGT      -      S1      103      □      -      □□□      □□□□

Series Code	Diameter	Resistance at 25°C	Res. tolerance	Lengths	B value
Temperature Sensor		10 x 3 Ω	F : 1% H : 3% J : 5%	025 : 25 mm 055 : 55 mm 072 : 72 mm 150 : 150 mm	25°C/85°C