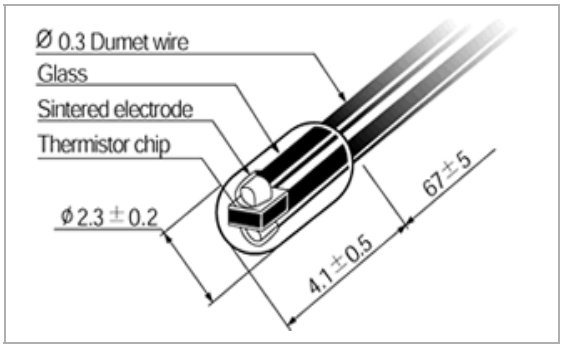
MLGT Series

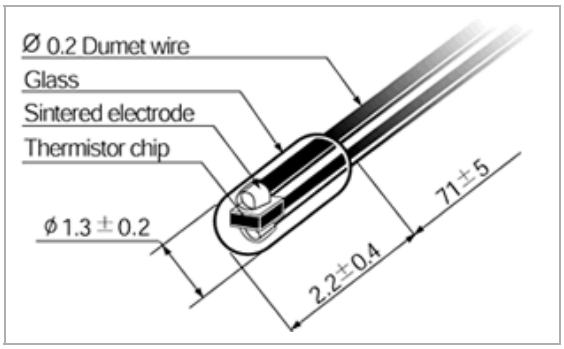
FEATURES:

- 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 Φ0.55 ~ Φ2.5 and very wide operating temperature range from -40℃ to +300℃
- 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	Nominal Zero-Power Resistance (at25°C)	B-value	B-value (25/85°C)
MLGT -S1	212	6.00kohm(0°C)	2.186 KΩ	3390±2%(0~100℃)	3420 K
	532	15.0kohm(0°C)	5.369 KΩ	3450±2%(0~100℃)	3480 K
	103	30.0kohm(0°C)	10.74 KΩ	3450±2%(0~100℃)	3480 K
	493	3.30kohm(100°C)	49.12 KΩ	3970±2%(0~100℃)	3992 K
	983	0.55kohm(200°C)	98.63 KΩ	4300±3%(100~200℃)	4066 K
	234	1.00kohm(200°C)	231.4 KΩ	4537±3%(100~200℃)	4240 K
	1385	4.00kohm(200°C)	1388 KΩ	5133±3%(200~300℃)	4557 K



Type	Item No.	Nominal Zero-Power Resistance	Nominal Zero-Power Resistance (at25°C)	B-value	B-value (25/85°C)
MLGT -S3	212	6.00kohm(0°C)	2.186 KΩ	3390±2%(0~100℃)	3420 K
	532	15.0kohm(0°C)	5.369 KΩ	3450±2%(0~100℃)	3480 K
	103	30.0kohm(0°C)	10.74 KΩ	3450±2%(0~100℃)	3480 K
	493	3.30kohm(100°C)	49.12 KΩ	3970±2%(0~100℃)	3992 K
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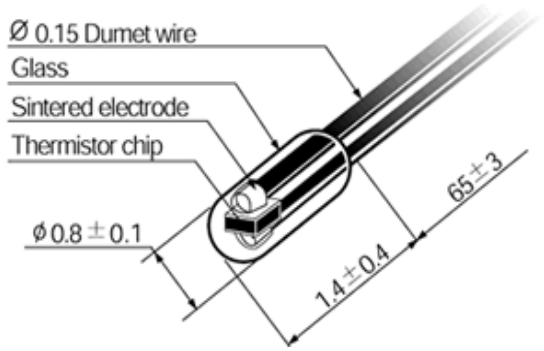
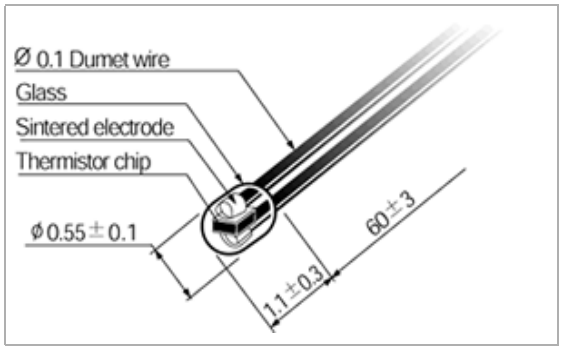


Type	Item No.	Nominal Zero-Power Resistance	Nominal Zero-Power Resistance (at25°C)	B-value	B-value (25/85°C)
MLGT -S5	212	15.0kohm(0°C)	5.369 KΩ	3450±2%(0~100℃)	3480 K
	103	30.0kohm(0°C)	10.74 KΩ	3450±2%(0~100℃)	3480 K
	493	3.30kohm(100°C)	49.12 KΩ	3970±2%(0~100℃)	3992 K
	983	0.55kohm(200°C)	98.63 KΩ	4300±3%(100~200℃)	4066 K
	234	1.00kohm(200°C)	231.4 KΩ	4537±3%(100~200℃)	4240 K
	1385	4.00kohm(200°C)	1388 KΩ	5133±3%(200~300℃)	4557 K



Type	Item No.	Nominal Zero-Power Resistance	Nominal Zero-Power Resistance (at25°C)	B-value	B-value (25/85°C)
MLGT -S7	103	30.0kohm(0°C)	10.74 KΩ	3450±2%(0~100℃)	3480 K
	493	3.30kohm(100°C)	49.12 KΩ	3970±2%(0~100℃)	3992 K
	983	0.55kohm(200°C)	98.63 KΩ	4300±3%(100~200℃)	4066 K
	234	1.00kohm(200°C)	231.4 KΩ	4537±3%(100~200℃)	4240 K

Type	Item No.	Nominal Zero-Power Resistance	Nominal Zero-Power Resistance (at25°C)	B-value	B-value (25/85°C)
MLGT -S7	272	8.00kohm(200°C)	2.7 KΩ (at 250℃)	5300±3%(150~250℃)	5300 K (150~250℃)

Temperature rating -40℃ to 300℃ **B value :** 3480 ~5300

Determined by rated zero-power Resistance at 25℃and 85℃

Tolerance ±1% ±2.5% ±5 %

Order Map ML GT - S1 212 F - □□□□

Series Code	Type	Diameter	Item No	Res. tolerance	B value
ML Sensor	GT thermistor			F : 1% H : 3% J : 5%	25℃/85℃