

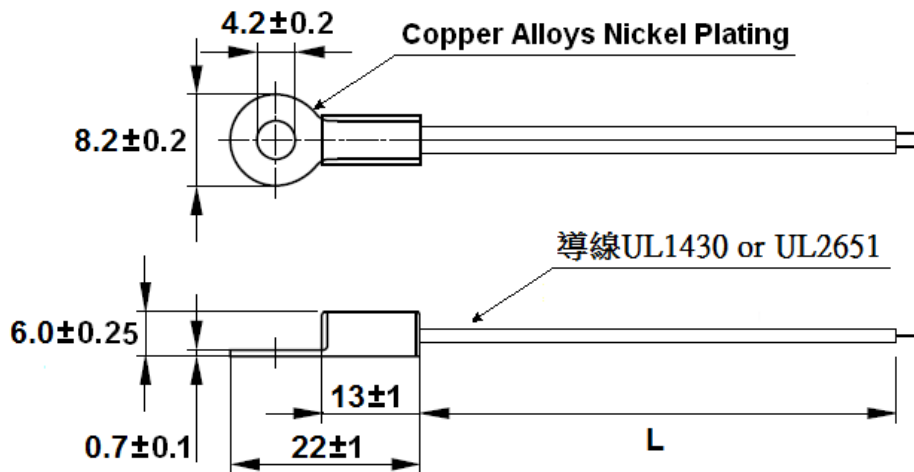
Specifications :

TYPE-5CR22-103H-340

NTC Thermistor Sensor

Resistance (AT 25°C)	10 K Ω
Tolerance	±3%
B Constant 25°C / 50°C (K)	4038 ±2%
Operating temperature range	-30°C ~ 115°C
Thermal Time Constant	Less 25 seconds (still in air)
Max. allowable power	550 mW
Insulation Resistance	DC500V, 100M Ω Min.
Dielectric Strength	AC 1000V x 1 second
Temperature Circle Test	(-25°C ~ 100°C) x 500 hours
Temperature Resisting Test	95°C x 1000 hours
Anti-Humidity Test	(40°C,93%RH) x more than 4 days continually

Dimension : mm



L : 340 ± 10

Tinned 4m/m ends

Connector :

Encapsulated Composition : Epoxy UL Card No. E71735 Flame Class UL94 V-0

Housin Material : Copper With Nickel Plated

Leads Wire : Heat Resisting PVC Paralled Wire UL1430#awg24(Black)
or Heat Resisting PVC Wire UL2651 24AWG (Black)

Ohm / Temperature figure

TMP.	-50°C	-40°C	-30°C	-20°C	-10°C	0°C	10°C	20°C	25°C	30°C
Ω	725K	360.9K	188.2K	102.3K	57670	33630	20240	12560	10000	8013

TMP.	40°C	50°C	60°C	70°C	80°C	90°C	100°C	110°C	120°C	130°C
Ω	5241	3507	2400	1677	1194	865.2	637	473.1	361	277.4

TMP.	140°C	150°C
Ω	215.8	169.8