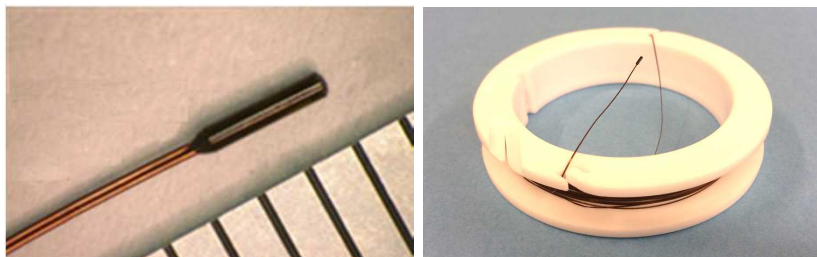
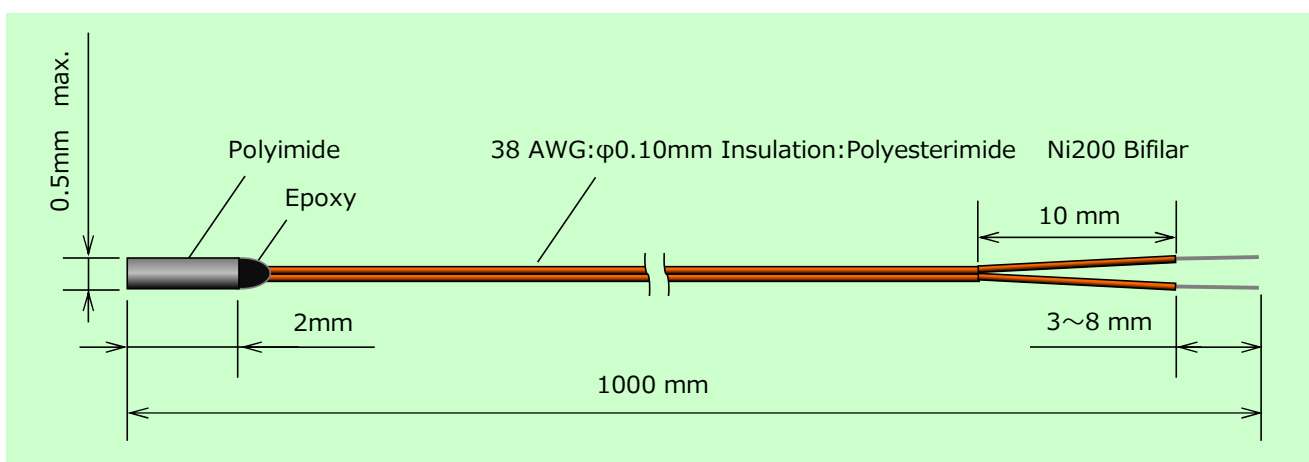


## 223Fμ5183-15U004 Thermistor



### Dimensions



### Ratings

$R_{37}^{*1}$	$R_{37}$ Tolerance	B value <sup>*2</sup>	B value Tolerance
14.015kΩ	±0.5%	3454K	±1%

\*1  $R_{37}$ : Rated zero-power resistance at  $37^{\circ}\text{C} \pm 0.02^{\circ}\text{C}$  without lead wires.

\*2 B value: B-value is calculated from the zero-power resistance values at  $0^{\circ}\text{C}$  and  $50^{\circ}\text{C}$  without lead wires.

Wire Resistance	Tolerance of Wire Resistance
13.0 Ω/m at $37^{\circ}\text{C}$	±2.0 Ω/m at $37^{\circ}\text{C}$

Dissipation Factor <sup>*3</sup>	Thermal Time Constant <sup>*4</sup>	Rated Power <sup>*5</sup>	Operating Temperature Range
Approx. 0.35mW/ $^{\circ}\text{C}$	Approx. 52 ms	1.75 mW	$-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$

\*3 In still air at  $25^{\circ}\text{C}$

\*4 In still water at  $0^{\circ}\text{C}$ , time until 63.2% temperature fluctuation is reached.

\*5 In still air at  $25^{\circ}\text{C}$ , allowable self-heating of approx.  $5^{\circ}\text{C}$

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