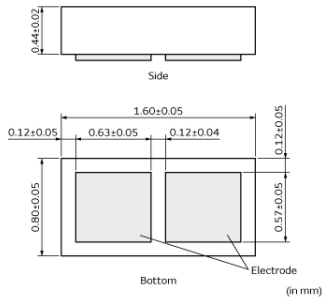


# FTN18XH103F01RT



## Appearance & Shape



## Features

1. This product is built in our chip NTC thermistor.
2. Excellent environmental resistance and mechanical strength by resin package.
3. Surface of the resin package is flat and insulative, it is possible to mount to a metallic steel case directly.
4. Quick response
5. Product change over time is little and stable.
6. Reflow and wire bonding available
7. Lead free
8. UL/cULcertified product. (UL1434, File No. E137188)

## Applications

Limited Usage	Consumer Grade
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## Packaging Information

Packaging	Specifications	Standard Packing Quantity
RT	180mm Paper Tape	4000

**Attention**

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
2. This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

Resistance (25°C)	10kΩ
Resistance Value Tolerance (at 25°C)	±1%
B-Constant (25/50°C)	3380K
B-Constant (25/50°C) Tolerance	±1%
B-Constant(25/80°C) (Reference Value)	3428K
B-Constant(25/85°C) (Reference Value)	3434K
B-Constant(25/100°C) (Reference Value)	3455K
Maximum Operating Current (25°C)	0.09mA
Rated Electric Power (25°C)	4.5mW
Typical Dissipation Constant (25°C)	0.9mW/°C
Operating Temperature Range	-40°C to 125°C
Thermal Time Constant	2s
Lead Shape	Insulation type
Shape	SMD
Mass	0.0014g
MSL	3

### Attention

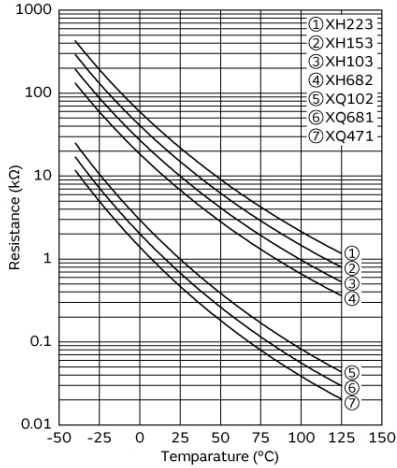
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## Product Data



### Resistance-Temperature Characteristics

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