

Irreversible

# Temperature label Super mini

RoHS Compliant

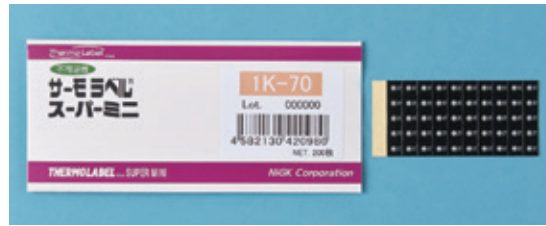
**POINT!!** For temperature monitoring of small parts

## Features

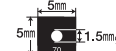
- Temperature label Super mini and Mini are extremely small labels.
- These labels are widely used for monitoring the temperature of small parts.

### 1K

- Mini-sized labels (5×5mm)
- Single temperature indicating model



Before color change



After color change



Temperature has risen to around 70°C

\* The white dot disappears when the color-change temperature is reached (same for 1K, 3K and 3R)

Type	Color-change temperature °C	Color-change	Color-change accuracy	JAN code
1K-40	40	White ↓ Black	±2°C	4582130420928
1K-45	45			4582130420935
1K-50	50			4582130420942
1K-55	55			4582130420959
1K-60	60			4582130420966
1K-65	65			4582130420973
1K-70	70			4582130420980
1K-75	75			4582130420997
1K-80	80			4582130421000

Type	Color-change temperature °C	Color-change	Color-change accuracy	JAN code
1K-85	85	White ↓ Black	±2°C	4582130421017
1K-90	90			4582130421024
1K-95	95			4582130421031
1K-100	100			4582130421048
1K-105	105			4582130421055
1K-110	110			4582130421062
1K-115	115			4582130421079
1K-120	120			4582130421086
1K-125	125			4582130421093

200 labels per box

### 3K

- Mini-sized 3-temperature type



Before color change



After color change



Temperature has risen to around 85°C

Type	Temperature combination (°C)	Color-change	Color-change accuracy	JAN code
3K-40	40- 45- 50	White ↓ Black	±2°C	4582130421109
3K-50	50- 55- 60			4582130421116
3K-65	65- 70- 75			4582130421123
3K-80	80- 85- 90			4582130421130
3K-95	95-100-105			4582130421147
3K-110	110-115-120			4582130421154
3K-130	130-140-150			4582130421161

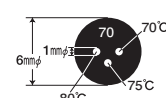
20 labels per box

### 3R

- Round mini-sized 3-temperature type



Before color change



After color change



Temperature has risen to around 75°C

\* The first color-change temperature in the combination is represented by the white dot on the right-hand side beneath the indicated number. The temperatures continue in clockwise order.

Type	Temperature combination (°C)	Color-change	Color-change accuracy	JAN code
3R- 40	40- 45- 50	White ↓ Black	±2°C	4582130421178
3R- 50	50- 55- 60			4582130421185
3R- 60	60- 65- 70			4582130421192
3R- 70	70- 75- 80			4582130421208
3R- 80	80- 85- 90			4582130421215
3R- 90	90- 95-100			4582130421222
3R-100	100-105-110			4582130421239
3R-110	110-115-120			4582130421246
3R-120	120-125-130			4582130421253
3R-130	130-140-150			4582130421260

20 labels per box

## Applications

- Monitoring for abnormal heat generation of electronic parts such as transistors, ICs, LSIs, resistors, capacitors, and inductors
- Inspection of heat generation by small motors such as circuit cooling fan motors and drive motors
- Checking the ambient temperature during product transportation or use