



## 20015623-00

### Disposable Skin Sensor

#### Description

20015623-00 is a low cost and high accuracy skin sensor assembly for patient monitoring, compatible with the 400 series nominal resistance response curve.

In a typical application, 20015623-00 is used to measure the body temperature of patients thru direct contact with the skin.

#### Features

- 400 series nominal resistance response curve.
- NTC thermistor with 2252 Ohm nominal resistance @25°C.
- $\pm 0.1^\circ\text{C}$  accuracy over the range of 25°C to 50°C.
- Proven stability and reliability.
- Low cost.

#### Applications

- Continuous patient monitoring.
- Skin sensors.
- General purpose probes.

#### Generic Steinhart-Hart Constants

A	1.478449471422940E-03
B	2.345273369229340E-04
C	4.460181921656660E-07
D	8.377136773151330E-08

#### Resistance vs Temperature Table

Temperature (°C)	Resistance (Ω)	Temperature (°C)	Resistance (Ω)
25	2252.0	38	1300.2
26	2155.6	39	1248.5
27	2063.9	40	1199.1
28	1976.5	41	1152.0
29	1893.4	42	1106.9
30	1814.2	43	1063.9
31	1738.7	44	1022.7
32	1666.8	45	983.4
33	1598.2	46	945.8
34	1532.9	47	909.8
35	1470.5	48	875.4
36	1411.1	49	842.4
37	1354.3	50	810.9

CLICK HERE ›  
CONNECT WITH A SPECIALIST

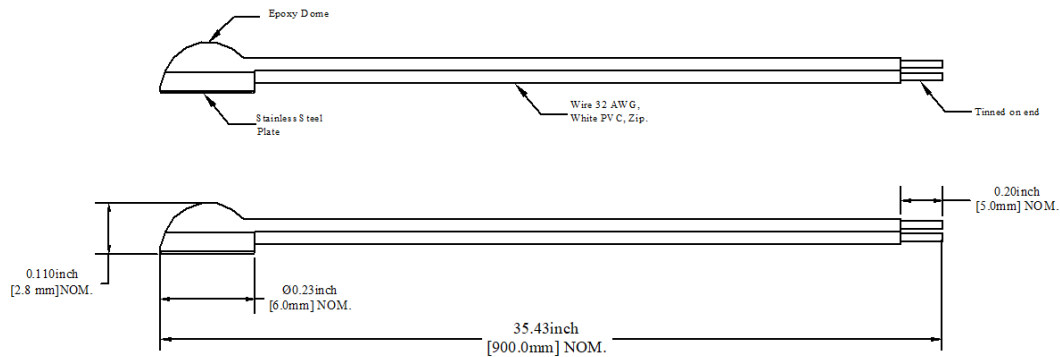
## 20015623-00

Disposable Skin Sensor

### Specifications

Parameters	Units	Value
Resistance @25°C	Ohms	2252
Accuracy Range of Interest	°C	25 to 50
Measurement Accuracy within the Range of Interest	°C	±0.1
Nominal Beta Value 25/85	K	3976

### Mechanical Details



### Ordering Information

Description	Part Number
THR-A#-2251-D1-304-0.23"-0.11"-00-Z-32-2	20015623-00

[CLICK HERE >](#)  
**CONNECT WITH A SPECIALIST**

**NORTH AMERICA**  
Tel +1 800 522 6752

**EUROPE**  
Tel +31 73 624 6999

**ASIA**  
Tel +86 0400 820 6015

### [te.com/sensors](https://www.te.com/sensors)

TE Connectivity, TE, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

© 2021 TE Connectivity Corporation. All Rights Reserved.

Version # 02/2022

