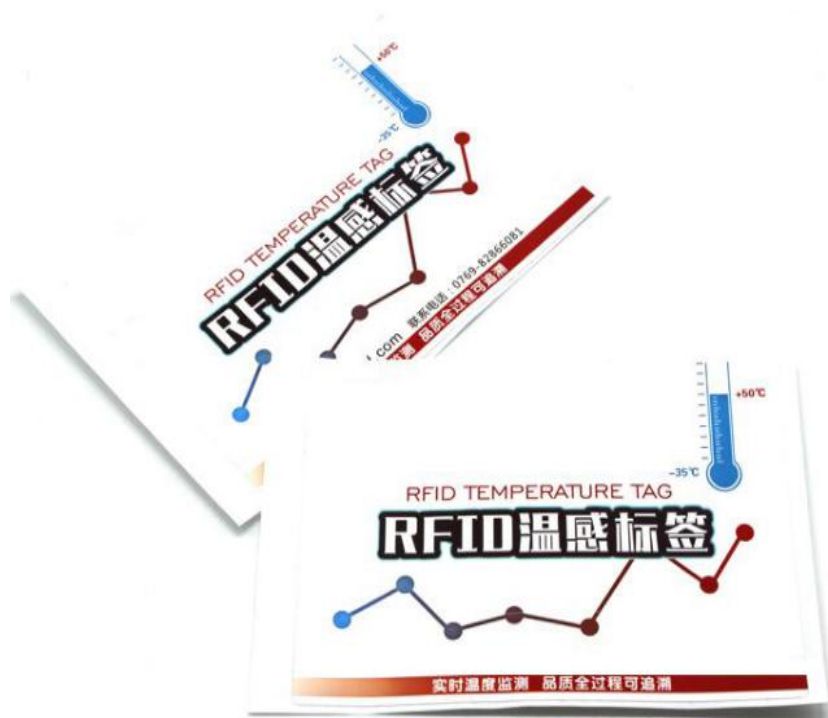




Specification for Passive Temperature Sensor Label

Frequency	13.56MHz, 860-960MHz
Memory	20 K byte
Data storage saving	>10 Years
Service life	1 Years
Temperature Accuracy	$\pm 0.5^{\circ} \text{C}$
Recording Frequency	From 1 second to 66,535s (18.2Hours)
Recording Mode	Continuous Digital / Range of limit
Reading Distance	<5cm by NFC; Max. < 80cm by ISO15693, 6 Meters by UHF RFID
Unique Identification Code	56 bits, UHF 96 bits
Storage Temperature	-40° C to +85° C
Working Temperature	-35° C to +65° C
Protocol Support	A, ISO 14443A + ISO 18000-6C; B, ISO-15693, NFC
Dimension	ISO 7810 CR80, 85.6X54mm Thickness <1.0mm (could be customized design)
Battery type	Flexible Thin Zinc-manganese battery
Parameter of Battery	1.5V, 35mAH. Peak Pulse current 10mA (5mS), 80Ω, 34x51mm, -35°C ~ 50 °C
Operating Mode	Active with thin Paper Battery Support



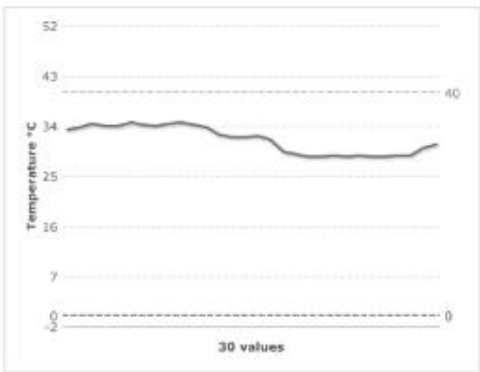
Temperature Tag Report

Status Finished

Tag Info:

UID: 1D44E08F000070	Logging Points: 30/30
Minimum Temperature: 28.50°C	Maximum Temperature: 34.75°C
Limited Temperature Range: [0°C/40°C]	Delay Time To Start: 1m
Time Interval: 5s	Start Time: 2021-04-14 09:04:54
Number Of Over Low Threshold: 0	Number Of Over High Threshold: 0

Temperature Curve:





Temperature Tag Report

Detail Datas:

Time	Value	Time	Value	Time	Value
2021-04-14 09:05:54	33.25°C	2021-04-14 09:07:59	28.50°C		
2021-04-14 09:05:59	33.75°C	2021-04-14 09:08:04	28.75°C		
2021-04-14 09:06:04	34.50°C	2021-04-14 09:08:09	28.75°C		
2021-04-14 09:06:09	34.00°C	2021-04-14 09:08:14	30.00°C		
2021-04-14 09:06:14	34.00°C	2021-04-14 09:08:19	30.75°C		
2021-04-14 09:06:19	34.75°C				
2021-04-14 09:06:24	34.25°C				
2021-04-14 09:06:29	34.00°C				
2021-04-14 09:06:34	34.50°C				
2021-04-14 09:06:39	34.75°C				
2021-04-14 09:06:44	34.25°C				
2021-04-14 09:06:49	33.75°C				
2021-04-14 09:06:54	32.50°C				
2021-04-14 09:06:59	32.00°C				
2021-04-14 09:07:04	32.00°C				
2021-04-14 09:07:09	32.25°C				
2021-04-14 09:07:14	31.50°C				
2021-04-14 09:07:19	29.50°C				
2021-04-14 09:07:24	29.00°C				
2021-04-14 09:07:29	28.50°C				
2021-04-14 09:07:34	28.50°C				
2021-04-14 09:07:39	28.75°C				
2021-04-14 09:07:44	28.50°C				
2021-04-14 09:07:49	28.75°C				
2021-04-14 09:07:54	28.50°C				

The temperature sensor chip is a passive chip. The contact temperature of the chip can be measured by our software through a mobile phone with NFC. The accuracy is 0.01.