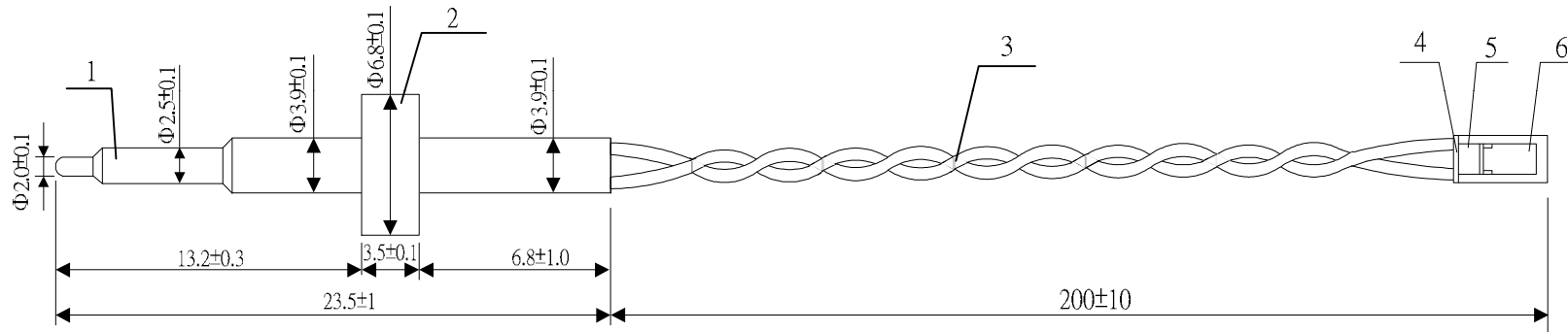


**A. Material List**

NO.	ITEM	DESCRIPTION
*	ELEMENT	NTC THERMISTOR
1	CAP	SUS316L
2	RING	BRASS
3	LEAD WIRE	UL1332#28 TS WIRE(White)
4	RETAINER	51113-0205(MOLEX)
5	HOUSING	51112-0200(MOLEX)
6	TERMINAL	50398-8000(MOLEX)

**B. Electrical Characteristic**

ITEM	VALUE
R50	3.485K $\Omega$ $\pm$ 3%
B0/100	3450K $\pm$ 2%



							Customer	
							Customer P/N	
							Thinking P/N	NTSF0822XZ024
							Drawing NO.	SF0908016
							Date	2022/5/6
							Tol: $\pm$ mm	Unit: mm Scale:
1.0	2022/5/6	New Released			RuanDong	Hu Feng	FMChu	THINKING ELECTRONIC INDUSTRIAL CO.,LTD
Rev.	Date	Subjects of Change			ECN No.	Designed by	Checked by	

## R-T TABLE

Part No:NTSF0822XZ024

R50°C=3.485KΩ±3%

B0/100=3450K±2%

T	Rmax.	Rnor.	Rmin.	Temp. Tolerance	
(°C)	(KΩ)	(KΩ)	(KΩ)	(°C)	
-20	66.3984	60.8800	55.7700	-1.7	1.8
-19	63.0962	57.9102	53.1026	-1.7	1.7
-18	59.9780	55.1030	50.5787	-1.7	1.7
-17	57.0324	52.4486	48.1898	-1.7	1.7
-16	54.2491	49.9380	45.9281	-1.7	1.7
-15	51.6181	47.5624	43.7859	-1.7	1.7
-14	49.1303	45.3139	41.7564	-1.7	1.7
-13	46.7770	43.1850	39.8329	-1.7	1.7
-12	44.5505	41.1688	38.0095	-1.6	1.7
-11	42.4429	39.2585	36.2803	-1.6	1.7
-10	40.4475	37.4481	34.6399	-1.6	1.7
-9	38.5575	35.7318	33.0834	-1.6	1.7
-8	36.7669	34.1042	31.6059	-1.6	1.6
-7	35.0699	32.5602	30.2029	-1.6	1.6
-6	33.4610	31.0951	28.8705	-1.6	1.6
-5	31.9354	29.7045	27.6046	-1.6	1.6
-4	30.4881	28.3841	26.4015	-1.6	1.6
-3	29.1147	27.1300	25.2579	-1.6	1.6
-2	27.8111	25.9386	24.1704	-1.5	1.6
-1	26.5734	24.8063	23.1359	-1.5	1.6
0	25.3978	23.7300	22.1517	-1.5	1.6
1	24.2812	22.7067	21.2152	-1.5	1.6
2	23.2198	21.7332	20.3234	-1.5	1.5
3	22.2109	20.8070	19.4743	-1.5	1.5
4	21.2514	19.9254	18.6653	-1.5	1.5
5	20.3389	19.0862	17.8946	-1.5	1.5
6	19.4706	18.2870	17.1599	-1.5	1.5
7	18.6441	17.5257	16.4595	-1.5	1.5
8	17.8574	16.8004	15.7917	-1.4	1.5
9	17.1083	16.1091	15.1546	-1.4	1.5
10	16.3947	15.4501	14.5468	-1.4	1.5
11	15.7148	14.8217	13.9668	-1.4	1.4
12	15.0668	14.2223	13.4130	-1.4	1.4
13	14.4492	13.6505	12.8843	-1.4	1.4
14	13.8603	13.1048	12.3793	-1.4	1.4
15	13.2986	12.5839	11.8969	-1.4	1.4
16	12.7627	12.0866	11.4360	-1.3	1.4
17	12.2513	11.6116	10.9954	-1.3	1.4
18	11.7632	11.1579	10.5742	-1.3	1.4
19	11.2973	10.7244	10.1714	-1.3	1.3

## R-T TABLE

Part No:NTSF0822XZ024

R50°C=3.485KΩ±3%

B0/100=3450K±2%

T	Rmax.	Rnor.	Rmin.	Temp. Tolerance	
(°C)	(KΩ)	(KΩ)	(KΩ)	(°C)	
20	10.8523	10.3101	9.7862	-1.3	1.3
21	10.4272	9.9140	9.4176	-1.3	1.3
22	10.0211	9.5353	9.0649	-1.3	1.3
23	9.6330	9.1731	8.7273	-1.3	1.3
24	9.2620	8.8266	8.4041	-1.2	1.3
25	8.9072	8.4950	8.0946	-1.2	1.3
26	8.5680	8.1777	7.7982	-1.2	1.3
27	8.2434	7.8739	7.5142	-1.2	1.2
28	7.9329	7.5830	7.2420	-1.2	1.2
29	7.6357	7.3044	6.9812	-1.2	1.2
30	7.3513	7.0376	6.7312	-1.2	1.2
31	7.0790	6.7819	6.4914	-1.2	1.2
32	6.8181	6.5368	6.2614	-1.1	1.2
33	6.5683	6.3019	6.0408	-1.1	1.2
34	6.3289	6.0766	5.8291	-1.1	1.1
35	6.0995	5.8606	5.6260	-1.1	1.1
36	5.8796	5.6534	5.4310	-1.1	1.1
37	5.6688	5.4546	5.2438	-1.1	1.1
38	5.4667	5.2639	5.0640	-1.1	1.1
39	5.2728	5.0808	4.8914	-1.0	1.1
40	5.0868	4.9050	4.7254	-1.0	1.1
41	4.9083	4.7362	4.5660	-1.0	1.1
42	4.7370	4.5741	4.4128	-1.0	1.0
43	4.5726	4.4184	4.2656	-1.0	1.0
44	4.4146	4.2687	4.1239	-1.0	1.0
45	4.2630	4.1249	3.9877	-1.0	1.0
46	4.1174	3.9867	3.8567	-0.9	1.0
47	3.9775	3.8539	3.7308	-0.9	1.0
48	3.8430	3.7261	3.6095	-0.9	0.9
49	3.7138	3.6032	3.4928	-0.9	0.9
50	3.5896	3.4850	3.3804	-0.9	0.9
51	3.4746	3.3712	3.2679	-0.9	0.9
52	3.3641	3.2618	3.1598	-0.9	1.0
53	3.2575	3.1564	3.0556	-1.0	1.0
54	3.1549	3.0550	2.9556	-1.0	1.0
55	3.0560	2.9573	2.8592	-1.0	1.0
56	2.9608	2.8633	2.7665	-1.0	1.1
57	2.8690	2.7727	2.6772	-1.1	1.1
58	2.7805	2.6855	2.5914	-1.1	1.1
59	2.6952	2.6014	2.5086	-1.1	1.1
60	2.6129	2.5204	2.4290	-1.1	1.2

## R-T TABLE

Part No:NTSF0822XZ024

$R_{50^{\circ}\text{C}}=3.485\text{K}\Omega\pm 3\%$

$B_0/100=3450\text{K}\pm 2\%$

T	Rmax.	Rnor.	Rmin.	Temp. Tolerance	
( $^{\circ}\text{C}$ )	( $\text{K}\Omega$ )	( $\text{K}\Omega$ )	( $\text{K}\Omega$ )	( $^{\circ}\text{C}$ )	
61	2.5335	2.4423	2.3522	-1.2	1.2
62	2.4569	2.3670	2.2783	-1.2	1.2
63	2.3831	2.2944	2.2070	-1.2	1.3
64	2.3118	2.2244	2.1384	-1.2	1.3
65	2.2430	2.1569	2.0722	-1.3	1.3
66	2.1766	2.0917	2.0083	-1.3	1.3
67	2.1125	2.0289	1.9469	-1.3	1.4
68	2.0505	1.9682	1.8875	-1.3	1.4
69	1.9908	1.9097	1.8303	-1.4	1.4
70	1.9330	1.8531	1.7749	-1.4	1.4
71	1.8772	1.7986	1.7217	-1.4	1.5
72	1.8233	1.7459	1.6703	-1.5	1.5
73	1.7712	1.6950	1.6206	-1.5	1.5
74	1.7208	1.6458	1.5727	-1.5	1.6
75	1.6721	1.5983	1.5264	-1.5	1.6
76	1.6250	1.5524	1.4817	-1.6	1.6
77	1.5795	1.5080	1.4385	-1.6	1.6
78	1.5354	1.4651	1.3967	-1.6	1.7
79	1.4929	1.4237	1.3565	-1.7	1.7
80	1.4517	1.3836	1.3175	-1.7	1.7
81	1.4118	1.3448	1.2798	-1.7	1.8
82	1.3732	1.3073	1.2435	-1.7	1.8
83	1.3359	1.2711	1.2083	-1.8	1.8
84	1.2997	1.2360	1.1743	-1.8	1.8
85	1.2647	1.2020	1.1414	-1.8	1.9
86	1.2308	1.1691	1.1095	-1.9	1.9
87	1.1980	1.1373	1.0787	-1.9	1.9
88	1.1661	1.1065	1.0490	-1.9	2.0
89	1.1354	1.0767	1.0202	-1.9	2.0
90	1.1055	1.0478	0.9922	-2.0	2.0
91	1.0766	1.0199	0.9653	-2.0	2.0
92	1.0486	0.9928	0.9391	-2.0	2.1
93	1.0214	0.9665	0.9138	-2.1	2.1
94	0.9950	0.9411	0.8893	-2.1	2.1
95	0.9694	0.9164	0.8655	-2.1	2.2
96	0.9448	0.8926	0.8426	-2.1	2.2
97	0.9207	0.8694	0.8202	-2.2	2.2
98	0.8974	0.8470	0.7987	-2.2	2.3
99	0.8748	0.8252	0.7777	-2.2	2.3
100	0.8529	0.8041	0.7574	-2.3	2.3

