

TPE R-T DATA

TYPE : Wire type NTC thermistor

RESISTANCE : 10.00k Ω at 25°C

B VALUE : 3435 K (25/85)

RESISTANCE TOLERANCE : $\pm 1.0\%$

B VALUE TOLERANCE : $\pm 1.0\%$

T(°C)	Rmin(k Ω)	Rcent(k Ω)	Rmax(k Ω)	DR(%)	DT(°C)
-40	185.65	193.16	200.96	4.0%	0.73
-39	175.90	182.91	190.19	4.0%	0.72
-38	166.70	173.26	180.05	3.9%	0.72
-37	158.03	164.16	170.51	3.9%	0.71
-36	149.86	155.59	161.52	3.8%	0.70
-35	142.15	147.51	153.04	3.8%	0.70
-34	134.88	139.89	145.06	3.7%	0.69
-33	128.02	132.70	137.54	3.6%	0.69
-32	121.54	125.92	130.44	3.6%	0.68
-31	115.43	119.52	123.75	3.5%	0.67
-30	109.65	113.48	117.44	3.5%	0.67
-29	104.20	107.78	111.48	3.4%	0.66
-28	99.043	102.40	105.86	3.4%	0.65
-27	94.172	97.312	100.55	3.3%	0.65
-26	89.567	92.507	95.534	3.3%	0.64
-25	85.212	87.964	90.797	3.2%	0.63
-24	81.092	83.670	86.321	3.2%	0.63
-23	77.195	79.609	82.090	3.1%	0.62
-22	73.506	75.767	78.090	3.1%	0.62
-21	70.013	72.132	74.307	3.0%	0.61
-20	66.706	68.691	70.728	3.0%	0.60
-19	63.573	65.433	67.341	2.9%	0.60
-18	60.605	62.348	64.135	2.9%	0.59
-17	57.792	59.425	61.099	2.8%	0.58
-16	55.125	56.656	58.224	2.8%	0.58
-15	52.596	54.031	55.499	2.7%	0.57
-14	50.197	51.542	52.918	2.7%	0.56
-13	47.920	49.181	50.471	2.6%	0.56
-12	45.760	46.942	48.150	2.6%	0.55
-11	43.708	44.817	45.950	2.5%	0.54
-10	41.761	42.800	43.861	2.5%	0.53
-9	39.910	40.885	41.880	2.4%	0.53
-8	38.152	39.066	39.998	2.4%	0.52
-7	36.481	37.339	38.212	2.3%	0.51
-6	34.893	35.697	36.515	2.3%	0.51
-5	33.382	34.136	34.903	2.2%	0.50
-4	31.945	32.652	33.371	2.2%	0.49
-3	30.578	31.241	31.915	2.2%	0.48
-2	29.277	29.899	30.530	2.1%	0.48
-1	28.039	28.621	29.213	2.1%	0.47
0	26.859	27.405	27.960	2.0%	0.46
1	25.736	26.248	26.767	2.0%	0.46
2	24.665	25.145	25.632	1.9%	0.45

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
3	23.645	24.095	24.551	1.9%	0.44
4	22.673	23.095	23.522	1.8%	0.43
5	21.746	22.141	22.541	1.8%	0.43
6	20.862	21.232	21.606	1.8%	0.42
7	20.019	20.365	20.716	1.7%	0.41
8	19.214	19.538	19.866	1.7%	0.40
9	18.446	18.750	19.057	1.6%	0.39
10	17.713	17.997	18.284	1.6%	0.39
11	17.012	17.279	17.547	1.6%	0.38
12	16.344	16.593	16.844	1.5%	0.37
13	15.705	15.938	16.172	1.5%	0.36
14	15.094	15.312	15.531	1.4%	0.35
15	14.511	14.714	14.919	1.4%	0.35
16	13.953	14.143	14.334	1.4%	0.34
17	13.419	13.597	13.775	1.3%	0.33
18	12.909	13.075	13.241	1.3%	0.32
19	12.421	12.575	12.730	1.2%	0.31
20	11.954	12.098	12.242	1.2%	0.31
21	11.507	11.641	11.775	1.2%	0.30
22	11.079	11.203	11.328	1.1%	0.29
23	10.669	10.785	10.901	1.1%	0.28
24	10.276	10.384	10.492	1.0%	0.27
25	9.900	10.000	10.100	1.0%	0.27
26	9.532	9.632	9.732	1.0%	0.28
27	9.181	9.280	9.380	1.1%	0.29
28	8.843	8.943	9.042	1.1%	0.30
29	8.520	8.619	8.718	1.2%	0.32
30	8.211	8.309	8.408	1.2%	0.33
31	7.914	8.012	8.110	1.2%	0.34
32	7.630	7.727	7.824	1.3%	0.35
33	7.357	7.453	7.550	1.3%	0.36
34	7.095	7.191	7.287	1.3%	0.38
35	6.844	6.939	7.034	1.4%	0.39
36	6.604	6.697	6.791	1.4%	0.40
37	6.372	6.465	6.558	1.4%	0.41
38	6.151	6.242	6.334	1.5%	0.43
39	5.938	6.028	6.119	1.5%	0.44
40	5.733	5.822	5.913	1.5%	0.45
41	5.537	5.625	5.714	1.6%	0.46
42	5.348	5.435	5.523	1.6%	0.48
43	5.167	5.253	5.339	1.7%	0.49
44	4.992	5.077	5.163	1.7%	0.50
45	4.825	4.908	4.993	1.7%	0.52
46	4.664	4.746	4.830	1.8%	0.53
47	4.509	4.590	4.672	1.8%	0.54
48	4.360	4.440	4.521	1.8%	0.56
49	4.217	4.296	4.375	1.9%	0.57
50	4.079	4.157	4.235	1.9%	0.58
51	3.946	4.023	4.100	1.9%	0.60
52	3.819	3.894	3.970	2.0%	0.61
53	3.696	3.770	3.845	2.0%	0.62
54	3.577	3.650	3.724	2.0%	0.64

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
55	3.464	3.535	3.608	2.1%	0.65
56	3.354	3.424	3.496	2.1%	0.66
57	3.248	3.317	3.388	2.1%	0.68
58	3.146	3.214	3.283	2.2%	0.69
59	3.048	3.115	3.183	2.2%	0.70
60	2.953	3.019	3.086	2.2%	0.72
61	2.862	2.927	2.992	2.2%	0.73
62	2.774	2.838	2.902	2.3%	0.75
63	2.689	2.752	2.815	2.3%	0.76
64	2.607	2.669	2.731	2.3%	0.78
65	2.528	2.589	2.650	2.4%	0.79
66	2.452	2.511	2.572	2.4%	0.80
67	2.379	2.437	2.496	2.4%	0.82
68	2.308	2.365	2.423	2.5%	0.83
69	2.239	2.295	2.353	2.5%	0.85
70	2.173	2.228	2.284	2.5%	0.86
71	2.109	2.163	2.219	2.6%	0.88
72	2.047	2.101	2.155	2.6%	0.89
73	1.988	2.040	2.093	2.6%	0.91
74	1.930	1.981	2.034	2.6%	0.92
75	1.874	1.925	1.976	2.7%	0.94
76	1.821	1.870	1.921	2.7%	0.95
77	1.769	1.817	1.867	2.7%	0.97
78	1.718	1.766	1.815	2.8%	0.98
79	1.670	1.716	1.764	2.8%	1.00
80	1.623	1.669	1.716	2.8%	1.01
81	1.577	1.622	1.669	2.9%	1.03
82	1.533	1.577	1.623	2.9%	1.04
83	1.490	1.534	1.579	2.9%	1.06
84	1.449	1.492	1.536	2.9%	1.07
85	1.409	1.451	1.494	3.0%	1.09
86	1.371	1.412	1.454	3.0%	1.10
87	1.333	1.374	1.415	3.0%	1.12
88	1.297	1.337	1.378	3.1%	1.13
89	1.262	1.301	1.341	3.1%	1.15
90	1.228	1.266	1.306	3.1%	1.17
91	1.195	1.233	1.272	3.1%	1.18
92	1.163	1.200	1.238	3.2%	1.20
93	1.133	1.169	1.206	3.2%	1.21
94	1.103	1.138	1.175	3.2%	1.23
95	1.074	1.109	1.145	3.2%	1.25
96	1.046	1.080	1.115	3.3%	1.26
97	1.018	1.052	1.087	3.3%	1.28
98	0.9919	1.025	1.059	3.3%	1.29
99	0.9663	0.9988	1.032	3.4%	1.31
100	0.9415	0.9734	1.006	3.4%	1.33
101	0.9174	0.9488	0.9811	3.4%	1.35
102	0.8941	0.9249	0.9566	3.4%	1.36
103	0.8714	0.9017	0.9329	3.5%	1.38
104	0.8495	0.8792	0.9098	3.5%	1.40
105	0.8282	0.8574	0.8875	3.5%	1.41