NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RH18-6Y103F*

T0(℃)	T1(℃)	T2(℃)
25	25	85

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3435 K	B+TOLERANCE(K)	34.35	B-TOLERANCE(K)	34.35

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.989E+05	2.075E+05	2.164E+05
-39	1.879E+05	1.959E+05	2.042E+05
-38	1.776E+05	1.850E+05	1.927E+05
-37	1.679E+05	1.748E+05	1.820E+05
-36	1.588E+05	1.652E+05	1.719E+05
-35	1.503E+05	1.563E+05	1.625E+05
-34	1.423E+05	1.478E+05	1.536E+05
-33	1.347E+05	1.399E+05	1.453E+05
-32	1.276E+05	1.325E+05	1.375E+05
-31	1.209E+05	1.255E+05	1.301E+05
-30	1.147E+05	1.189E+05	1.232E+05
-29	1.088E+05	1.127E+05	1.168E+05
-28	1.032E+05	1.069E+05	1.107E+05
-27	9.794E+04	1.014E+05	1.049E+05
-26	9.299E+04	9.619E+04	9.949E+04
-25	8.833E+04	9.132E+04	9.439E+04
-24	8.393E+04	8.672E+04	8.959E+04
-23	7.977E+04	8.238E+04	8.506E+04
-22	7.585E+04	7.828E+04	8.079E+04
-21	7.214E+04	7.441E+04	7.676E+04
-20	6.864E+04	7.076E+04	7.295E+04
-19	6.533E+04	6.731E+04	6.936E+04
-18	6.219E+04	6.405E+04	6.596E+04
-17	5.923E+04	6.097E+04	6.276E+04
-16	5.643E+04	5.806E+04	5.973E+04
-15	5.378E+04	5.530E+04	5.686E+04
-14	5.127E+04	5.269E+04	5.415E+04
-13	4.889E+04	5.022E+04	5.158E+04
-12	4.664E+04	4.788E+04	4.916E+04
-11	4.450E+04	4.567E+04	4.686E+04
-10	4.247E+04	4.357E+04	4.468E+04
-9	4.055E+04	4.157E+04	4.262E+04
-8	3.873E+04	3.968E+04	4.066E+04
-7	3.700E+04	3.789E+04	3.881E+04
-6	3.536E+04	3.619E+04	3.705E+04
-5	3.380E+04	3.458E+04	3.538E+04
-4	3.232E+04	3.305E+04	3.380E+04
-3	3.091E+04	3.160E+04	3.230E+04
-2	2.957E+04	3.022E+04	3.087E+04
-1	2.830E+04	2.890E+04	2.952E+04
0	2.709E+04	2.766E+04	2.823E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.709E+04	2.766E+04	2.823E+04
1	2.594E+04	2.647E+04	2.701E+04
2	2.485E+04	2.534E+04	2.584E+04
3	2.381E+04	2.427E+04	2.474E+04
4	2.282E+04	2.325E+04	2.369E+04
5	2.187E+04	2.228E+04	2.269E+04
6	2.097E+04	2.135E+04	2.174E+04
7	2.012E+04	2.047E+04	2.083E+04
8	1.930E+04	1.963E+04	1.997E+04
9	1.852E+04	1.883E+04	1.914E+04
10	1.778E+04	1.807E+04	1.836E+04
11	1.707E+04	1.734E+04	1.761E+04
12	1.639E+04	1.665E+04	1.690E+04
13	1.575E+04	1.598E+04	1.622E+04
14	1.513E+04	1.535E+04	1.557E+04
15	1.454E+04	1.475E+04	1.495E+04
16	1.398E+04	1.417E+04	1.436E+04
17	1.344E+04	1.362E+04	1.380E+04
18	1.293E+04	1.309E+04	1.326E+04
19	1.243E+04	1.259E+04	1.275E+04
20	1.196E+04	1.211E+04	1.225E+04
21	1.151E+04	1.165E+04	1.178E+04
22	1.108E+04	1.121E+04	1.133E+04
23	1.067E+04	1.079E+04	1.090E+04
24	1.028E+04	1.039E+04	1.049E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.531E+03	9.631E+03	9.731E+03
27	9.178E+03	9.277E+03	9.377E+03
28	8.839E+03	8.939E+03	9.038E+03
29	8.515E+03	8.614E+03	8.714E+03
30	8.205E+03	8.303E+03	8.402E+03
31	7.907E+03	8.005E+03	8.104E+03
32	7.622E+03	7.720E+03	7.817E+03
33	7.349E+03	7.446E+03	7.543E+03
34	7.087E+03	7.183E+03	7.279E+03
35	6.836E+03	6.930E+03	7.026E+03
36	6.595E+03	6.689E+03	6.783E+03
37	6.363E+03	6.456E+03	6.550E+03
38	6.141E+03	6.233E+03	6.326E+03
39	5.928E+03	6.019E+03	6.111E+03
40	5.724E+03	5.814E+03	5.904E+03
41	5.527E+03	5.616E+03	5.706E+03
42	5.339E+03	5.426E+03	5.515E+03
43	5.158E+03	5.244E+03	5.331E+03
44	4.984E+03	5.069E+03	5.155E+03
45	4.816E+03	4.900E+03	4.985E+03
46	4.655E+03	4.738E+03	4.822E+03
47	4.501E+03	4.582E+03	4.665E+03
48	4.352E+03	4.432E+03	4.514E+03
49	4.209E+03	4.288E+03	4.368E+03
50	4.071E+03	4.149E+03	4.228E+03

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B(T1℃/T2℃)	3435 K	B+TOLERANCE(K)	34.35	B-TOLERANCE(K)	34.35

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	4.071E+03	4.149E+03	4.228E+03
51	3.939E+03	4.016E+03	4.093E+03
52	3.811E+03	3.887E+03	3.963E+03
53	3.689E+03	3.763E+03	3.838E+03
54	3.570E+03	3.644E+03	3.718E+03
55	3.457E+03	3.529E+03	3.602E+03
56	3.347E+03	3.418E+03	3.490E+03
57	3.242E+03	3.311E+03	3.382E+03
58	3.140E+03	3.208E+03	3.278E+03
59	3.042E+03	3.109E+03	3.177E+03
60	2.948E+03	3.014E+03	3.081E+03
61	2.857E+03	2.922E+03	2.988E+03
62	2.769E+03	2.833E+03	2.898E+03
63	2.685E+03	2.747E+03	2.811E+03
64	2.603E+03	2.665E+03	2.727E+03
65	2.524E+03	2.585E+03	2.647E+03
66	2.449E+03	2.508E+03	2.569E+03
67	2.375E+03	2.434E+03	2.493E+03
68	2.305E+03	2.362E+03	2.421E+03
69	2.236E+03	2.293E+03	2.350E+03
70	2.170E+03	2.226E+03	2.282E+03
71	2.107E+03	2.161E+03	2.216E+03
72	2.045E+03	2.098E+03	2.153E+03
73	1.986E+03	2.038E+03	2.092E+03
74	1.928E+03	1.980E+03	2.032E+03
75	1.873E+03	1.923E+03	1.975E+03
76	1.819E+03	1.869E+03	1.919E+03
77	1.767E+03	1.816E+03	1.866E+03
78	1.717E+03	1.765E+03	1.814E+03
79	1.668E+03	1.715E+03	1.763E+03
80	1.622E+03	1.668E+03	1.715E+03
81	1.576E+03	1.622E+03	1.668E+03
82	1.533E+03	1.577E+03	1.622E+03
83	1.490E+03	1.534E+03	1.578E+03
84	1.449E+03	1.492E+03	1.536E+03
85	1.409E+03	1.451E+03	1.495E+03
86	1.371E+03	1.412E+03	1.455E+03
87	1.334E+03	1.374E+03	1.416E+03
88	1.298E+03	1.337E+03	1.378E+03
89	1.263E+03	1.302E+03	1.342E+03
90	1.229E+03	1.267E+03	1.307E+03
91	1.196E+03	1.234E+03	1.273E+03
92	1.165E+03	1.202E+03	1.240E+03
93	1.134E+03	1.170E+03	1.208E+03
94	1.104E+03	1.140E+03	1.176E+03
95	1.075E+03	1.110E+03	1.146E+03
96	1.047E+03	1.082E+03	1.117E+03
97	1.020E+03	1.054E+03	1.088E+03
98	9.935E+02	1.027E+03	1.061E+03
99	9.677E+02	1.000E+03	1.034E+03
100	9.426E+02	9.745E+02	1.007E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	9.426E+02	9.745E+02	1.007E+03
101	9.182E+02	9.494E+02	9.816E+02
102	8.944E+02	9.251E+02	9.567E+02
103	8.714E+02	9.014E+02	9.325E+02
104	8.489E+02	8.785E+02	9.089E+02
105	8.272E+02	8.561E+02	8.860E+02
106	8.060E+02	8.344E+02	8.638E+02
107	7.854E+02	8.133E+02	8.421E+02
108	7.654E+02	7.928E+02	8.211E+02
109	7.460E+02	7.729E+02	8.006E+02
110	7.271E+02	7.535E+02	7.807E+02