NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-4C153F[T,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4110 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.878E+005	7.220E+005	7.578E+005
-39	6.401E+005	6.714E+005	7.041E+005
-38	5.959E+005	6.245E+005	6.545E+005
-37	5.549E+005	5.812E+005	6.086E+005
-36	5.169E+005	5.410E+005	5.661E+005
-35	4.817E+005	5.037E+005	5.268E+005
-34	4.490E+005	4.692E+005	4.903E+005
-33	4.187E+005	4.373E+005	4.566E+005
-32	3.906E+005	4.076E+005	4.253E+005
-31	3.645E+005	3.801E+005	3.963E+005
-30	3.403E+005	3.546E+005	3.695E+005
-29	3.176E+005	3.308E+005	3.444E+005
-28	2.966E+005	3.087E+005	3.212E+005
-27	2.772E+005	2.882E+005	2.997E+005
-26	2.591E+005	2.693E+005	2.798E+005
-25	2.423E+005	2.517E+005	2.613E+005
-24	2.267E+005	2.353E+005	2.442E+005
-23	2.123E+005	2.202E+005	2.283E+005
-22	1.988E+005	2.061E+005	2.136E+005
-21	1.863E+005	1.930E+005	1.998E+005
-20	1.746E+005	1.808E+005	1.871E+005
-19	1.638E+005	1.694E+005	1.752E+005
-18	1.537E+005	1.589E+005	1.642E+005
-17	1.442E+005	1.490E+005	1.540E+005
-16	1.355E+005	1.399E+005	1.444E+005
-15	1.273E+005	1.313E+005	1.355E+005
-14	1.196E+005	1.234E+005	1.272E+005
-13	1.125E+005	1.160E+005	1.195E+005
-12	1.059E+005	1.090E+005	1.123E+005
-11	9.966E+004	1.026E+005	1.056E+005
-10	9.385E+004	9.655E+004	9.932E+004
-9	8.842E+004	9.091E+004	9.346E+004
-8	8.334E+004	8.564E+004	8.799E+004
-7	7.859E+004	8.071E+004	8.288E+004
-6	7.414E+004	7.609E+004	7.809E+004
-5	6.997E+004	7.178E+004	7.362E+004
-4	6.607E+004	6.773E+004	6.943E+004
-3	6.241E+004	6.394E+004	6.551E+004
-2	5.897E+004	6.039E+004	6.184E+004
-1	5.575E+004	5.706E+004	5.840E+004
0	5.273E+004	5.394E+004	5.517E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	5.273E+004	5.394E+004	5.517E+004
1	4.989E+004	5.100E+004	5.214E+004
2	4.722E+004	4.825E+004	4.930E+004
3	4.471E+004	4.566E+004	4.663E+004
4	4.236E+004	4.323E+004	4.413E+004
5	4.014E+004	4.095E+004	4.177E+004
6	3.806E+004	3.880E+004	3.956E+004
7	3.610E+004	3.679E+004	3.748E+004
8	3.425E+004	3.489E+004	3.553E+004
9	3.251E+004	3.310E+004	3.369E+004
10	3.087E+004	3.141E+004	3.196E+004
11	2.933E+004	2.983E+004	3.033E+004
12	2.787E+004	2.833E+004	2.879E+004
13	2.650E+004	2.692E+004	2.735E+004
14	2.520E+004	2.559E+004	2.598E+004
15	2.397E+004	2.433E+004	2.469E+004
16	2.282E+004	2.315E+004	2.348E+004
17	2.172E+004	2.203E+004	2.233E+004
18	2.069E+004	2.097E+004	2.125E+004
19	1.971E+004	1.997E+004	2.022E+004
20	1.879E+004	1.902E+004	1.926E+004
21	1.791E+004	1.813E+004	1.834E+004
22	1.708E+004	1.728E+004	1.748E+004
23	1.630E+004	1.648E+004	1.666E+004
24	1.555E+004	1.572E+004	1.588E+004
25	1.485E+004	1.500E+004	1.515E+004
26	1.417E+004	1.432E+004	1.447E+004
27	1.352E+004	1.367E+004	1.382E+004
28	1.291E+004	1.306E+004	1.321E+004
29	1.233E+004	1.248E+004	1.263E+004
30	1.178E+004	1.193E+004	1.208E+004
31	1.126E+004	1.141E+004	1.155E+004
32	1.077E+004	1.091E+004	1.105E+004
33	1.030E+004	1.044E+004	1.058E+004
34	9.851E+003	9.991E+003	1.013E+004
35	9.428E+003	9.566E+003	9.705E+003
36	9.025E+003	9.161E+003	9.298E+003
37	8.642E+003	8.776E+003	8.911E+003
38	8.278E+003	8.410E+003	8.543E+003
39	7.932E+003	8.062E+003	8.193E+003
40	7.603E+003	7.730E+003	7.860E+003

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TYPE	TH11-4C153F[T,B]

RESISTANCE(at25℃)	15000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4110 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	7.603E+003	7.730E+003	7.860E+003
41	7.289E+003	7.415E+003	7.542E+003
42	6.991E+003	7.115E+003	7.239E+003
43	6.707E+003	6.828E+003	6.951E+003
44	6.436E+003	6.555E+003	6.676E+003
45	6.178E+003	6.295E+003	6.414E+003
46	5.933E+003	6.047E+003	6.163E+003
47	5.698E+003	5.811E+003	5.924E+003
48	5.475E+003	5.585E+003	5.697E+003
49	5.261E+003	5.369E+003	5.479E+003
50	5.058E+003	5.163E+003	5.271E+003
51	4.863E+003	4.967E+003	5.072E+003
52	4.678E+003	4.779E+003	4.883E+003
53	4.500E+003	4.600E+003	4.701E+003
54	4.331E+003	4.428E+003	4.528E+003
55	4.169E+003	4.264E+003	4.362E+003
56	4.014E+003	4.108E+003	4.203E+003
57	3.866E+003	3.957E+003	4.051E+003
58	3.724E+003	3.814E+003	3.905E+003
59	3.589E+003	3.676E+003	3.766E+003
60	3.459E+003	3.545E+003	3.632E+003
61	3.334E+003	3.418E+003	3.504E+003
62	3.215E+003	3.298E+003	3.382E+003
63	3.101E+003	3.182E+003	3.264E+003
64	2.992E+003	3.071E+003	3.151E+003
65	2.887E+003	2.964E+003	3.043E+003
66	2.787E+003	2.862E+003	2.939E+003
67	2.691E+003	2.764E+003	2.840E+003
68	2.598E+003	2.671E+003	2.745E+003
69	2.510E+003	2.581E+003	2.653E+003
70	2.425E+003	2.494E+003	2.565E+003
71	2.344E+003	2.411E+003	2.481E+003
72	2.266E+003	2.332E+003	2.400E+003
73	2.191E+003	2.255E+003	2.322E+003
74	2.118E+003	2.182E+003	2.247E+003
75	2.049E+003	2.111E+003	2.175E+003
76	1.983E+003	2.044E+003	2.106E+003
77	1.919E+003	1.978E+003	2.039E+003
78	1.857E+003	1.916E+003	1.975E+003
79	1.798E+003	1.855E+003	1.914E+003
80	1.741E+003	1.797E+003	1.855E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.741E+003	1.797E+003	1.855E+003
81	1.687E+003	1.742E+003	1.798E+003
82	1.634E+003	1.688E+003	1.743E+003
83	1.584E+003	1.636E+003	1.690E+003
84	1.535E+003	1.586E+003	1.639E+003
85	1.488E+003	1.538E+003	1.590E+003
86	1.443E+003	1.492E+003	1.543E+003
87	1.399E+003	1.447E+003	1.497E+003
88	1.357E+003	1.404E+003	1.453E+003
89	1.317E+003	1.363E+003	1.410E+003
90	1.278E+003	1.323E+003	1.369E+003
91	1.240E+003	1.284E+003	1.330E+003
92	1.203E+003	1.246E+003	1.291E+003
93	1.168E+003	1.210E+003	1.254E+003
94	1.134E+003	1.175E+003	1.218E+003
95	1.101E+003	1.142E+003	1.184E+003
96	1.069E+003	1.109E+003	1.150E+003
97	1.039E+003	1.078E+003	1.118E+003
98	1.009E+003	1.048E+003	1.087E+003
99	9.808E+002	1.018E+003	1.057E+003
100	9.533E+002	9.900E+002	1.028E+003
101	9.269E+002	9.628E+002	1.000E+003
102	9.013E+002	9.366E+002	9.731E+002
103	8.766E+002	9.111E+002	9.469E+002
104	8.527E+002	8.865E+002	9.216E+002
105	8.295E+002	8.627E+002	8.971E+002
106	8.071E+002	8.397E+002	8.734E+002
107	7.855E+002	8.174E+002	8.504E+002
108	7.645E+002	7.957E+002	8.282E+002
109	7.442E+002	7.748E+002	8.066E+002
110	7.245E+002	7.546E+002	7.858E+002
111	7.054E+002	7.348E+002	7.654E+002
112	6.869E+002	7.158E+002	7.458E+002
113	6.689E+002	6.973E+002	7.267E+002
114	6.516E+002	6.794E+002	7.083E+002
115	6.348E+002	6.620E+002	6.904E+002
116	6.185E+002	6.452E+002	6.730E+002
117	6.028E+002	6.290E+002	6.562E+002
118	5.875E+002	6.132E+002	6.399E+002
119	5.727E+002	5.979E+002	6.242E+002
120	5.583E+002	5.831E+002	6.088E+002
121	5.444E+002	5.687E+002	5.940E+002
122	5.309E+002	5.548E+002	5.796E+002
123	5.179E+002	5.412E+002	5.656E+002
124	5.052E+002	5.281E+002	5.521E+002
125	4.929E+002	5.154E+002	5.389E+002