NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-4H104F[T,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4360 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	4.889E+006	5.144E+006	5.411E+006
-39	4.547E+006	4.780E+006	5.025E+006
-38	4.231E+006	4.445E+006	4.668E+006
-37	3.938E+006	4.134E+006	4.339E+006
-36	3.668E+006	3.847E+006	4.034E+006
-35	3.417E+006	3.581E+006	3.752E+006
-34	3.184E+006	3.334E+006	3.491E+006
-33	2.969E+006	3.106E+006	3.250E+006
-32	2.769E+006	2.895E+006	3.027E+006
-31	2.583E+006	2.699E+006	2.820E+006
-30	2.411E+006	2.518E+006	2.628E+006
-29	2.251E+006	2.349E+006	2.450E+006
-28	2.103E+006	2.192E+006	2.285E+006
-27	1.965E+006	2.047E+006	2.132E+006
-26	1.837E+006	1.912E+006	1.990E+006
-25	1.718E+006	1.787E+006	1.859E+006
-24	1.607E+006	1.671E+006	1.737E+006
-23	1.504E+006	1.563E+006	1.623E+006
-22	1.409E+006	1.462E+006	1.518E+006
-21	1.320E+006	1.369E+006	1.420E+006
-20	1.237E+006	1.282E+006	1.329E+006
-19	1.159E+006	1.201E+006	1.244E+006
-18	1.087E+006	1.126E+006	1.165E+006
-17	1.020E+006	1.056E+006	1.092E+006
-16	9.578E+005	9.903E+005	1.024E+006
-15	8.994E+005	9.294E+005	9.602E+005
-14	8.450E+005	8.726E+005	9.009E+005
-13	7.942E+005	8.196E+005	8.456E+005
-12	7.468E+005	7.701E+005	7.941E+005
-11	7.025E+005	7.240E+005	7.461E+005
-10	6.611E+005	6.809E+005	7.012E+005
-9	6.224E+005	6.407E+005	6.594E+005
-8	5.863E+005	6.031E+005	6.203E+005
-7	5.524E+005	5.679E+005	5.837E+005
-6	5.207E+005	5.349E+005	5.495E+005
-5	4.909E+005	5.041E+005	5.175E+005
-4	4.631E+005	4.752E+005	4.876E+005
-3	4.370E+005	4.481E+005	4.595E+005
-2	4.125E+005	4.228E+005	4.332E+005
-1	3.895E+005	3.990E+005	4.086E+005
0	3.679E+005	3.766E+005	3.855E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.679E+005	3.766E+005	3.855E+005
1	3.476E+005	3.557E+005	3.639E+005
2	3.286E+005	3.360E+005	3.435E+005
3	3.107E+005	3.176E+005	3.245E+005
4	2.939E+005	3.002E+005	3.066E+005
5	2.781E+005	2.839E+005	2.898E+005
6	2.633E+005	2.686E+005	2.740E+005
7	2.493E+005	2.542E+005	2.592E+005
8	2.362E+005	2.407E+005	2.453E+005
9	2.238E+005	2.280E+005	2.322E+005
10	2.122E+005	2.160E+005	2.198E+005
11	2.012E+005	2.047E+005	2.083E+005
12	1.909E+005	1.941E+005	1.974E+005
13	1.811E+005	1.841E+005	1.871E+005
14	1.719E+005	1.747E+005	1.774E+005
15	1.633E+005	1.658E+005	1.683E+005
16	1.551E+005	1.574E+005	1.597E+005
17	1.473E+005	1.494E+005	1.515E+005
18	1.400E+005	1.420E+005	1.439E+005
19	1.332E+005	1.349E+005	1.367E+005
20	1.266E+005	1.282E+005	1.298E+005
21	1.205E+005	1.219E+005	1.234E+005
22	1.146E+005	1.160E+005	1.173E+005
23	1.091E+005	1.104E+005	1.116E+005
24	1.039E+005	1.050E+005	1.061E+005
25	9.900E+004	1.000E+005	1.010E+005
26	9.424E+004	9.524E+004	9.624E+004
27	8.974E+004	9.073E+004	9.173E+004
28	8.548E+004	8.647E+004	8.746E+004
29	8.144E+004	8.243E+004	8.341E+004
30	7.763E+004	7.860E+004	7.958E+004
31	7.401E+004	7.497E+004	7.594E+004
32	7.058E+004	7.153E+004	7.249E+004
33	6.733E+004	6.827E+004	6.922E+004
34	6.426E+004	6.518E+004	6.612E+004
35	6.133E+004	6.225E+004	6.317E+004
36	5.856E+004	5.946E+004	6.037E+004
37	5.594E+004	5.682E+004	5.771E+004
38	5.344E+004	5.431E+004	5.519E+004
39	5.107E+004	5.193E+004	5.279E+004
40	4.882E+004	4.966E+004	5.051E+004

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TYPE	TH11-4H104F[T,B]

RESISTANCE(at25℃)	100000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	4360 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	4.882E+004	4.966E+004	5.051E+004
41	4.668E+004	4.750E+004	4.834E+004
42	4.465E+004	4.546E+004	4.627E+004
43	4.272E+004	4.351E+004	4.431E+004
44	4.088E+004	4.165E+004	4.244E+004
45	3.913E+004	3.989E+004	4.066E+004
46	3.747E+004	3.821E+004	3.897E+004
47	3.589E+004	3.661E+004	3.735E+004
48	3.438E+004	3.509E+004	3.582E+004
49	3.294E+004	3.364E+004	3.435E+004
50	3.158E+004	3.226E+004	3.295E+004
51	3.028E+004	3.094E+004	3.162E+004
52	2.904E+004	2.969E+004	3.035E+004
53	2.786E+004	2.849E+004	2.914E+004
54	2.673E+004	2.735E+004	2.798E+004
55	2.565E+004	2.626E+004	2.688E+004
56	2.463E+004	2.522E+004	2.583E+004
57	2.365E+004	2.423E+004	2.482E+004
58	2.271E+004	2.328E+004	2.386E+004
59	2.182E+004	2.237E+004	2.294E+004
60	2.097E+004	2.151E+004	2.206E+004
61	2.016E+004	2.068E+004	2.122E+004
62	1.938E+004	1.989E+004	2.042E+004
63	1.864E+004	1.914E+004	1.965E+004
64	1.792E+004	1.841E+004	1.892E+004
65	1.725E+004	1.772E+004	1.821E+004
66	1.660E+004	1.706E+004	1.754E+004
67	1.597E+004	1.643E+004	1.690E+004
68	1.538E+004	1.582E+004	1.628E+004
69	1.481E+004	1.524E+004	1.569E+004
70	1.426E+004	1.469E+004	1.512E+004
71	1.374E+004	1.416E+004	1.458E+004
72	1.324E+004	1.365E+004	1.406E+004
73	1.277E+004	1.316E+004	1.356E+004
74	1.231E+004	1.269E+004	1.308E+004
75	1.187E+004	1.224E+004	1.263E+004
76	1.145E+004	1.181E+004	1.219E+004
77	1.104E+004	1.140E+004	1.176E+004
78	1.065E+004	1.100E+004	1.136E+004
79	1.028E+004	1.062E+004	1.097E+004
80	9.923E+003	1.025E+004	1.060E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	9.923E+003	1.025E+004	1.060E+004
81	9.580E+003	9.903E+003	1.024E+004
82	9.250E+003	9.565E+003	9.890E+003
83	8.933E+003	9.241E+003	9.558E+003
84	8.629E+003	8.929E+003	9.239E+003
85	8.337E+003	8.630E+003	8.933E+003
86	8.056E+003	8.343E+003	8.638E+003
87	7.787E+003	8.066E+003	8.354E+003
88	7.528E+003	7.800E+003	8.082E+003
89	7.279E+003	7.545E+003	7.820E+003
90	7.039E+003	7.299E+003	7.567E+003
91	6.809E+003	7.063E+003	7.325E+003
92	6.588E+003	6.835E+003	7.091E+003
93	6.375E+003	6.616E+003	6.866E+003
94	6.170E+003	6.406E+003	6.650E+003
95	5.972E+003	6.203E+003	6.441E+003
96	5.782E+003	6.007E+003	6.240E+003
97	5.599E+003	5.819E+003	6.047E+003
98	5.423E+003	5.638E+003	5.860E+003
99	5.253E+003	5.463E+003	5.680E+003
100	5.090E+003	5.294E+003	5.507E+003
101	4.932E+003	5.132E+003	5.339E+003
102	4.780E+003	4.975E+003	5.178E+003
103	4.633E+003	4.824E+003	5.022E+003
104	4.492E+003	4.678E+003	4.872E+003
105	4.356E+003	4.538E+003	4.727E+003
106	4.224E+003	4.402E+003	4.587E+003
107	4.097E+003	4.272E+003	4.452E+003
108	3.975E+003	4.145E+003	4.322E+003
109	3.857E+003	4.024E+003	4.197E+003
110	3.743E+003	3.906E+003	4.075E+003
111	3.634E+003	3.793E+003	3.958E+003
112	3.528E+003	3.683E+003	3.845E+003
113	3.425E+003	3.577E+003	3.735E+003
114	3.327E+003	3.475E+003	3.630E+003
115	3.231E+003	3.376E+003	3.528E+003
116	3.139E+003	3.281E+003	3.429E+003
117	3.050E+003	3.188E+003	3.333E+003
118	2.963E+003	3.099E+003	3.241E+003
119	2.880E+003	3.013E+003	3.152E+003
120	2.799E+003	2.929E+003	3.065E+003
121	2.722E+003	2.849E+003	2.982E+003
122	2.646E+003	2.771E+003	2.901E+003
123	2.573E+003	2.695E+003	2.822E+003
124	2.503E+003	2.622E+003	2.746E+003
125	2.434E+003	2.551E+003	2.673E+003