NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-3I473F[R,B]

RESISTANCE(at25℃)	47000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3400 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	9.845E+005	1.027E+006	1.070E+006
-39	9.285E+005	9.676E+005	1.008E+006
-38	8.760E+005	9.123E+005	9.500E+005
-37	8.269E+005	8.606E+005	8.956E+005
-36	7.808E+005	8.122E+005	8.448E+005
-35	7.377E+005	7.669E+005	7.971E+005
-34	6.972E+005	7.243E+005	7.525E+005
-33	6.592E+005	6.845E+005	7.106E+005
-32	6.236E+005	6.471E+005	6.714E+005
-31	5.901E+005	6.120E+005	6.346E+005
-30	5.586E+005	5.790E+005	6.001E+005
-29	5.290E+005	5.480E+005	5.676E+005
-28	5.012E+005	5.189E+005	5.371E+005
-27	4.750E+005	4.915E+005	5.085E+005
-26	4.504E+005	4.657E+005	4.816E+005
-25	4.272E+005	4.415E+005	4.563E+005
-24	4.054E+005	4.188E+005	4.326E+005
-23	3.848E+005	3.973E+005	4.102E+005
-22	3.655E+005	3.772E+005	3.891E+005
-21	3.473E+005	3.581E+005	3.693E+005
-20	3.301E+005	3.402E+005	3.507E+005
-19	3.138E+005	3.233E+005	3.331E+005
-18	2.985E+005	3.074E+005	3.165E+005
-17	2.840E+005	2.923E+005	3.008E+005
-16	2.704E+005	2.781E+005	2.861E+005
-15	2.575E+005	2.647E+005	2.721E+005
-14	2.453E+005	2.520E+005	2.589E+005
-13	2.337E+005	2.400E+005	2.465E+005
-12	2.228E+005	2.287E+005	2.347E+005
-11	2.124E+005	2.180E+005	2.236E+005
-10	2.026E+005	2.078E+005	2.131E+005
-9	1.933E+005	1.982E+005	2.031E+005
-8	1.846E+005	1.891E+005	1.937E+005
-7	1.762E+005	1.805E+005	1.848E+005
-6	1.683E+005	1.723E+005	1.763E+005
-5	1.608E+005	1.645E+005	1.683E+005
-4	1.537E+005	1.571E+005	1.607E+005
-3	1.469E+005	1.502E+005	1.535E+005
-2	1.405E+005	1.435E+005	1.466E+005
-1	1.344E+005	1.372E+005	1.401E+005
0	1.286E+005	1.312E+005	1.339E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.286E+005	1.312E+005	1.339E+005
1	1.231E+005	1.255E+005	1.281E+005
2	1.178E+005	1.201E+005	1.225E+005
3	1.128E+005	1.150E+005	1.172E+005
4	1.081E+005	1.101E+005	1.122E+005
5	1.035E+005	1.054E+005	1.074E+005
6	9.923E+004	1.010E+005	1.028E+005
7	9.514E+004	9.680E+004	9.849E+004
8	9.123E+004	9.279E+004	9.437E+004
9	8.751E+004	8.897E+004	9.044E+004
10	8.396E+004	8.532E+004	8.670E+004
11	8.058E+004	8.185E+004	8.313E+004
12	7.735E+004	7.854E+004	7.974E+004
13	7.427E+004	7.538E+004	7.650E+004
14	7.133E+004	7.237E+004	7.341E+004
15	6.853E+004	6.950E+004	7.047E+004
16	6.586E+004	6.676E+004	6.767E+004
17	6.330E+004	6.414E+004	6.499E+004
18	6.086E+004	6.165E+004	6.243E+004
19	5.853E+004	5.926E+004	5.999E+004
20	5.630E+004	5.698E+004	5.766E+004
21	5.417E+004	5.480E+004	5.544E+004
22	5.213E+004	5.272E+004	5.331E+004
23	5.018E+004	5.073E+004	5.128E+004
24	4.832E+004	4.882E+004	4.933E+004
25	4.653E+004	4.700E+004	4.747E+004
26	4.479E+004	4.525E+004	4.572E+004
27	4.312E+004	4.358E+004	4.405E+004
28	4.152E+004	4.198E+004	4.245E+004
29	3.999E+004	4.045E+004	4.092E+004
30	3.852E+004	3.898E+004	3.945E+004
31	3.712E+004	3.758E+004	3.804E+004
32	3.578E+004	3.623E+004	3.669E+004
33	3.449E+004	3.494E+004	3.540E+004
34	3.325E+004	3.370E+004	3.415E+004
35	3.207E+004	3.252E+004	3.296E+004
36	3.094E+004	3.138E+004	3.182E+004
37	2.985E+004	3.028E+004	3.072E+004
38	2.881E+004	2.924E+004	2.967E+004
39	2.780E+004	2.823E+004	2.866E+004
40	2.684E+004	2.726E+004	2.769E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.684E+004	2.726E+004	2.769E+004
41	2.592E+004	2.634E+004	2.675E+004
42	2.504E+004	2.545E+004	2.586E+004
43	2.419E+004	2.459E+004	2.500E+004
44	2.337E+004	2.377E+004	2.417E+004
45	2.258E+004	2.298E+004	2.337E+004
46	2.183E+004	2.222E+004	2.261E+004
47	2.110E+004	2.148E+004	2.187E+004
48	2.041E+004	2.078E+004	2.116E+004
49	1.973E+004	2.010E+004	2.048E+004
50	1.909E+004	1.945E+004	1.982E+004
51	1.847E+004	1.882E+004	1.919E+004
52	1.787E+004	1.822E+004	1.858E+004
53	1.729E+004	1.764E+004	1.799E+004
54	1.674E+004	1.708E+004	1.742E+004
55	1.620E+004	1.654E+004	1.688E+004
56	1.569E+004	1.602E+004	1.635E+004
57	1.519E+004	1.551E+004	1.584E+004
58	1.471E+004	1.503E+004	1.535E+004
59	1.425E+004	1.456E+004	1.488E+004
60	1.380E+004	1.411E+004	1.442E+004
61	1.337E+004	1.367E+004	1.398E+004
62	1.296E+004	1.326E+004	1.356E+004
63	1.256E+004	1.285E+004	1.315E+004
64	1.217E+004	1.246E+004	1.275E+004
65	1.180E+004	1.208E+004	1.237E+004
66	1.144E+004	1.171E+004	1.199E+004
67	1.109E+004	1.136E+004	1.164E+004
68	1.075E+004	1.102E+004	1.129E+004
69	1.042E+004	1.069E+004	1.095E+004
70	1.011E+004	1.036E+004	1.063E+004
71	9.802E+003	1.005E+004	1.031E+004
72	9.505E+003	9.752E+003	1.000E+004
73	9.218E+003	9.460E+003	9.707E+003
74	8.941E+003	9.178E+003	9.420E+003
75	8.673E+003	8.905E+003	9.143E+003
76	8.413E+003	8.641E+003	8.874E+003
77	8.163E+003	8.386E+003	8.614E+003
78	7.920E+003	8.139E+003	8.363E+003
79	7.685E+003	7.899E+003	8.119E+003
80	7.458E+003	7.668E+003	7.883E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	7.458E+003	7.668E+003	7.883E+003
81	7.236E+003	7.442E+003	7.654E+003
82	7.022E+003	7.224E+003	7.431E+003
83	6.816E+003	7.014E+003	7.217E+003
84	6.616E+003	6.810E+003	7.009E+003
85	6.422E+003	6.612E+003	6.807E+003
86	6.235E+003	6.421E+003	6.613E+003
87	6.054E+003	6.237E+003	6.424E+003
88	5.879E+003	6.058E+003	6.242E+003
89	5.710E+003	5.885E+003	6.065E+003
90	5.546E+003	5.718E+003	5.894E+003
91	5.386E+003	5.554E+003	5.727E+003
92	5.232E+003	5.397E+003	5.566E+003
93	5.083E+003	5.244E+003	5.410E+003
94	4.939E+003	5.097E+003	5.259E+003
95	4.799E+003	4.954E+003	5.113E+003
96	4.665E+003	4.817E+003	4.973E+003
97	4.535E+003	4.683E+003	4.836E+003
98	4.409E+003	4.555E+003	4.705E+003
99	4.288E+003	4.431E+003	4.578E+003
100	4.171E+003	4.310E+003	4.454E+003
101	4.060E+003	4.197E+003	4.338E+003
102	3.952E+003	4.087E+003	4.226E+003
103	3.848E+003	3.980E+003	4.116E+003
104	3.746E+003	3.876E+003	4.009E+003
105	3.647E+003	3.774E+003	3.905E+003
106	3.551E+003	3.676E+003	3.804E+003
107	3.458E+003	3.580E+003	3.705E+003
108	3.367E+003	3.486E+003	3.610E+003
109	3.278E+003	3.395E+003	3.516E+003
110	3.192E+003	3.307E+003	3.426E+003
111	3.106E+003	3.219E+003	3.335E+003
112	3.023E+003	3.133E+003	3.247E+003
113	2.943E+003	3.051E+003	3.162E+003
114	2.865E+003	2.971E+003	3.080E+003
115	2.789E+003	2.893E+003	3.000E+003
116	2.716E+003	2.818E+003	2.923E+003
117	2.646E+003	2.745E+003	2.848E+003
118	2.577E+003	2.675E+003	2.776E+003
119	2.511E+003	2.607E+003	2.706E+003
120	2.447E+003	2.541E+003	2.638E+003
121	2.385E+003	2.477E+003	2.572E+003
122	2.325E+003	2.415E+003	2.508E+003
123	2.267E+003	2.355E+003	2.447E+003
124	2.210E+003	2.297E+003	2.387E+003
125	2.156E+003	2.241E+003	2.329E+003