NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3I473J [R,B]

RESISTANCE(at25℃)	47000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3400 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	8.865E+005	1.027E+006	1.186E+006
-39	8.371E+005	9.676E+005	1.116E+006
-38	7.908E+005	9.123E+005	1.050E+006
-37	7.474E+005	8.606E+005	9.886E+005
-36	7.066E+005	8.122E+005	9.313E+005
-35	6.684E+005	7.669E+005	8.777E+005
-34	6.324E+005	7.243E+005	8.275E+005
-33	5.987E+005	6.845E+005	7.806E+005
-32	5.670E+005	6.471E+005	7.367E+005
-31	5.372E+005	6.120E+005	6.955E+005
-30	5.091E+005	5.790E+005	6.569E+005
-29	4.827E+005	5.480E+005	6.206E+005
-28	4.578E+005	5.189E+005	5.866E+005
-27	4.343E+005	4.915E+005	5.547E+005
-26	4.123E+005	4.657E+005	5.248E+005
-25	3.915E+005	4.415E+005	4.967E+005
-24	3.719E+005	4.188E+005	4.703E+005
-23	3.535E+005	3.973E+005	4.455E+005
-22	3.361E+005	3.772E+005	4.222E+005
-21	3.196E+005	3.581E+005	4.003E+005
-20	3.041E+005	3.402E+005	3.796E+005
-19	2.895E+005	3.233E+005	3.602E+005
-18	2.756E+005	3.074E+005	3.419E+005
-17	2.626E+005	2.923E+005	3.247E+005
-16	2.502E+005	2.781E+005	3.084E+005
-15	2.385E+005	2.647E+005	2.931E+005
-14	2.274E+005	2.520E+005	2.786E+005
-13	2.169E+005	2.400E+005	2.649E+005
-12	2.070E+005	2.287E+005	2.520E+005
-11	1.976E+005	2.180E+005	2.399E+005
-10	1.886E+005	2.078E+005	2.283E+005
-9	1.802E+005	1.982E+005	2.175E+005
-8	1.721E+005	1.891E+005	2.072E+005
-7	1.645E+005	1.805E+005	1.974E+005
-6	1.573E+005	1.723E+005	1.882E+005
-5	1.504E+005	1.645E+005	1.795E+005
-4	1.439E+005	1.571E+005	1.712E+005
-3	1.377E+005	1.502E+005	1.634E+005
-2	1.318E+005	1.435E+005	1.559E+005
-1	1.262E+005	1.372E+005	1.489E+005
0	1.208E+005	1.312E+005	1.422E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.208E+005	1.312E+005	1.422E+005
1	1.157E+005	1.255E+005	1.358E+005
2	1.109E+005	1.201E+005	1.298E+005
3	1.063E+005	1.150E+005	1.241E+005
4	1.019E+005	1.101E+005	1.186E+005
5	9.774E+004	1.054E+005	1.135E+005
6	9.376E+004	1.010E+005	1.086E+005
7	8.996E+004	9.680E+004	1.039E+005
8	8.634E+004	9.279E+004	9.946E+004
9	8.289E+004	8.897E+004	9.524E+004
10	7.960E+004	8.532E+004	9.123E+004
11	7.646E+004	8.185E+004	8.740E+004
12	7.346E+004	7.854E+004	8.376E+004
13	7.059E+004	7.538E+004	8.029E+004
14	6.786E+004	7.237E+004	7.699E+004
15	6.524E+004	6.950E+004	7.384E+004
16	6.275E+004	6.676E+004	7.085E+004
17	6.036E+004	6.414E+004	6.799E+004
18	5.808E+004	6.165E+004	6.526E+004
19	5.590E+004	5.926E+004	6.266E+004
20	5.382E+004	5.698E+004	6.018E+004
21	5.182E+004	5.480E+004	5.781E+004
22	4.991E+004	5.272E+004	5.555E+004
23	4.808E+004	5.073E+004	5.339E+004
24	4.633E+004	4.882E+004	5.132E+004
25	4.465E+004	4.700E+004	4.935E+004
26	4.294E+004	4.525E+004	4.757E+004
27	4.131E+004	4.358E+004	4.587E+004
28	3.975E+004	4.198E+004	4.423E+004
29	3.826E+004	4.045E+004	4.267E+004
30	3.683E+004	3.898E+004	4.117E+004
31	3.546E+004	3.758E+004	3.973E+004
32	3.415E+004	3.623E+004	3.834E+004
33	3.290E+004	3.494E+004	3.702E+004
34	3.170E+004	3.370E+004	3.574E+004
35	3.055E+004	3.252E+004	3.452E+004
36	2.945E+004	3.138E+004	3.335E+004
37	2.839E+004	3.028E+004	3.222E+004
38	2.738E+004	2.924E+004	3.114E+004
39	2.641E+004	2.823E+004	3.010E+004
40	2.548E+004	2.726E+004	2.910E+004

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.548E+004	2.726E+004	2.910E+004
41	2.459E+004	2.634E+004	2.814E+004
42	2.373E+004	2.545E+004	2.722E+004
43	2.291E+004	2.459E+004	2.633E+004
44	2.212E+004	2.377E+004	2.547E+004
45	2.136E+004	2.298E+004	2.465E+004
46	2.064E+004	2.222E+004	2.386E+004
47	1.994E+004	2.148E+004	2.310E+004
48	1.926E+004	2.078E+004	2.236E+004
49	1.862E+004	2.010E+004	2.165E+004
50	1.800E+004	1.945E+004	2.097E+004
51	1.740E+004	1.882E+004	2.032E+004
52	1.682E+004	1.822E+004	1.968E+004
53	1.627E+004	1.764E+004	1.907E+004
54	1.574E+004	1.708E+004	1.848E+004
55	1.523E+004	1.654E+004	1.792E+004
56	1.473E+004	1.602E+004	1.737E+004
57	1.426E+004	1.551E+004	1.684E+004
58	1.380E+004	1.503E+004	1.633E+004
59	1.336E+004	1.456E+004	1.583E+004
60	1.293E+004	1.411E+004	1.536E+004
61	1.252E+004	1.367E+004	1.490E+004
62	1.213E+004	1.326E+004	1.445E+004
63	1.174E+004	1.285E+004	1.402E+004
64	1.138E+004	1.246E+004	1.361E+004
65	1.102E+004	1.208E+004	1.321E+004
66	1.068E+004	1.171E+004	1.282E+004
67	1.034E+004	1.136E+004	1.244E+004
68	1.002E+004	1.102E+004	1.208E+004
69	9.714E+003	1.069E+004	1.172E+004
70	9.415E+003	1.036E+004	1.138E+004
71	9.123E+003	1.005E+004	1.105E+004
72	8.842E+003	9.752E+003	1.073E+004
73	8.571E+003	9.460E+003	1.042E+004
74	8.308E+003	9.178E+003	1.011E+004
75	8.054E+003	8.905E+003	9.821E+003
76	7.809E+003	8.641E+003	9.538E+003
77	7.572E+003	8.386E+003	9.264E+003
78	7.343E+003	8.139E+003	8.998E+003
79	7.121E+003	7.899E+003	8.741E+003
80	6.907E+003	7.668E+003	8.492E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	6.907E+003	7.668E+003	8.492E+003
81	6.698E+003	7.442E+003	8.249E+003
82	6.497E+003	7.224E+003	8.014E+003
83	6.302E+003	7.014E+003	7.786E+003
84	6.114E+003	6.810E+003	7.566E+003
85	5.932E+003	6.612E+003	7.353E+003
86	5.756E+003	6.421E+003	7.146E+003
87	5.586E+003	6.237E+003	6.946E+003
88	5.422E+003	6.058E+003	6.752E+003
89	5.263E+003	5.885E+003	6.565E+003
90	5.109E+003	5.718E+003	6.383E+003
91	4.959E+003	5.554E+003	6.205E+003
92	4.815E+003	5.397E+003	6.033E+003
93	4.675E+003	5.244E+003	5.867E+003
94	4.540E+003	5.097E+003	5.707E+003
95	4.410E+003	4.954E+003	5.551E+003
96	4.284E+003	4.817E+003	5.401E+003
97	4.163E+003	4.683E+003	5.256E+003
98	4.046E+003	4.555E+003	5.116E+003
99	3.932E+003	4.431E+003	4.980E+003
100	3.823E+003	4.310E+003	4.848E+003
101	3.720E+003	4.197E+003	4.724E+003
102	3.619E+003	4.087E+003	4.603E+003
103	3.522E+003	3.980E+003	4.486E+003
104	3.427E+003	3.876E+003	4.372E+003
105	3.335E+003	3.774E+003	4.260E+003
106	3.246E+003	3.676E+003	4.152E+003
107	3.159E+003	3.580E+003	4.046E+003
108	3.074E+003	3.486E+003	3.944E+003
109	2.992E+003	3.395E+003	3.844E+003
110	2.912E+003	3.307E+003	3.746E+003
111	2.832E+003	3.219E+003	3.649E+003
112	2.755E+003	3.133E+003	3.554E+003
113	2.681E+003	3.051E+003	3.463E+003
114	2.609E+003	2.971E+003	3.374E+003
115	2.539E+003	2.893E+003	3.288E+003
116	2.471E+003	2.818E+003	3.205E+003
117	2.406E+003	2.745E+003	3.125E+003
118	2.343E+003	2.675E+003	3.047E+003
119	2.282E+003	2.607E+003	2.971E+003
120	2.222E+003	2.541E+003	2.898E+003
121	2.165E+003	2.477E+003	2.827E+003
122	2.109E+003	2.415E+003	2.758E+003
123	2.056E+003	2.355E+003	2.691E+003
124	2.004E+003	2.297E+003	2.626E+003
125	1.953E+003	2.241E+003	2.564E+003