NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN11-3J473J [T,B]

RESISTANCE(at25℃)	47000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3440 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	9.167E+005	1.063E+006	1.229E+006
-39	8.651E+005	1.001E+006	1.155E+006
-38	8.168E+005	9.433E+005	1.087E+006
-37	7.715E+005	8.893E+005	1.023E+006
-36	7.290E+005	8.389E+005	9.628E+005
-35	6.892E+005	7.916E+005	9.070E+005
-34	6.519E+005	7.474E+005	8.547E+005
-33	6.168E+005	7.059E+005	8.058E+005
-32	5.839E+005	6.671E+005	7.601E+005
-31	5.530E+005	6.306E+005	7.173E+005
-30	5.239E+005	5.964E+005	6.772E+005
-29	4.967E+005	5.644E+005	6.398E+005
-28	4.710E+005	5.343E+005	6.046E+005
-27	4.468E+005	5.060E+005	5.716E+005
-26	4.240E+005	4.793E+005	5.406E+005
-25	4.025E+005	4.543E+005	5.115E+005
-24	3.822E+005	4.307E+005	4.841E+005
-23	3.631E+005	4.085E+005	4.584E+005
-22	3.451E+005	3.876E+005	4.342E+005
-21	3.281E+005	3.678E+005	4.114E+005
-20	3.120E+005	3.493E+005	3.900E+005
-19	2.968E+005	3.317E+005	3.698E+005
-18	2.824E+005	3.151E+005	3.508E+005
-17	2.688E+005	2.995E+005	3.328E+005
-16	2.560E+005	2.848E+005	3.160E+005
-15	2.439E+005	2.708E+005	3.001E+005
-14	2.324E+005	2.577E+005	2.850E+005
-13	2.215E+005	2.453E+005	2.709E+005
-12	2.112E+005	2.335E+005	2.575E+005
-11	2.015E+005	2.224E+005	2.449E+005
-10	1.923E+005	2.119E+005	2.330E+005
-9	1.835E+005	2.020E+005	2.217E+005
-8	1.752E+005	1.926E+005	2.111E+005
-7	1.674E+005	1.837E+005	2.010E+005
-6	1.599E+005	1.752E+005	1.915E+005
-5	1.528E+005	1.672E+005	1.825E+005
-4	1.461E+005	1.596E+005	1.740E+005
-3	1.397E+005	1.524E+005	1.659E+005
-2	1.336E+005	1.456E+005	1.583E+005
-1	1.279E+005	1.391E+005	1.510E+005
0	1.224E+005	1.330E+005	1.441E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.224E+005	1.330E+005	1.441E+005
1	1.172E+005	1.271E+005	1.376E+005
2	1.122E+005	1.216E+005	1.314E+005
3	1.075E+005	1.163E+005	1.255E+005
4	1.030E+005	1.113E+005	1.199E+005
5	9.870E+004	1.065E+005	1.147E+005
6	9.462E+004	1.020E+005	1.096E+005
7	9.074E+004	9.767E+004	1.049E+005
8	8.705E+004	9.357E+004	1.003E+005
9	8.352E+004	8.966E+004	9.601E+004
10	8.017E+004	8.595E+004	9.191E+004
11	7.696E+004	8.241E+004	8.802E+004
12	7.391E+004	7.904E+004	8.431E+004
13	7.099E+004	7.582E+004	8.078E+004
14	6.821E+004	7.276E+004	7.742E+004
15	6.555E+004	6.984E+004	7.422E+004
16	6.302E+004	6.705E+004	7.117E+004
17	6.059E+004	6.439E+004	6.826E+004
18	5.828E+004	6.185E+004	6.549E+004
19	5.606E+004	5.943E+004	6.285E+004
20	5.394E+004	5.712E+004	6.033E+004
21	5.192E+004	5.491E+004	5.792E+004
22	4.998E+004	5.279E+004	5.563E+004
23	4.812E+004	5.078E+004	5.344E+004
24	4.635E+004	4.885E+004	5.135E+004
25	4.465E+004	4.700E+004	4.935E+004
26	4.292E+004	4.523E+004	4.755E+004
27	4.127E+004	4.355E+004	4.583E+004
28	3.970E+004	4.193E+004	4.418E+004
29	3.819E+004	4.038E+004	4.260E+004
30	3.675E+004	3.890E+004	4.108E+004
31	3.537E+004	3.748E+004	3.963E+004
32	3.404E+004	3.612E+004	3.823E+004
33	3.278E+004	3.482E+004	3.689E+004
34	3.157E+004	3.357E+004	3.561E+004
35	3.041E+004	3.238E+004	3.438E+004
36	2.930E+004	3.123E+004	3.320E+004
37	2.824E+004	3.013E+004	3.206E+004
38	2.722E+004	2.907E+004	3.097E+004
39	2.625E+004	2.806E+004	2.992E+004
40	2.531E+004	2.709E+004	2.892E+004

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TYPE	TN11-3J473J [T,B]

RESISTANCE(at25℃)	47000 Ω	R-TOLERANCE(±)	5 %
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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.531E+004	2.709E+004	2.892E+004
41	2.441E+004	2.616E+004	2.795E+004
42	2.355E+004	2.526E+004	2.702E+004
43	2.273E+004	2.440E+004	2.613E+004
44	2.194E+004	2.358E+004	2.527E+004
45	2.118E+004	2.278E+004	2.445E+004
46	2.045E+004	2.202E+004	2.365E+004
47	1.975E+004	2.129E+004	2.289E+004
48	1.907E+004	2.058E+004	2.215E+004
49	1.843E+004	1.990E+004	2.144E+004
50	1.780E+004	1.925E+004	2.076E+004
51	1.721E+004	1.862E+004	2.010E+004
52	1.663E+004	1.802E+004	1.947E+004
53	1.608E+004	1.743E+004	1.886E+004
54	1.555E+004	1.687E+004	1.827E+004
55	1.503E+004	1.633E+004	1.770E+004
56	1.454E+004	1.581E+004	1.716E+004
57	1.407E+004	1.531E+004	1.663E+004
58	1.361E+004	1.483E+004	1.612E+004
59	1.317E+004	1.437E+004	1.563E+004
60	1.275E+004	1.392E+004	1.516E+004
61	1.235E+004	1.349E+004	1.470E+004
62	1.196E+004	1.308E+004	1.427E+004
63	1.158E+004	1.268E+004	1.384E+004
64	1.122E+004	1.229E+004	1.343E+004
65	1.087E+004	1.192E+004	1.304E+004
66	1.053E+004	1.156E+004	1.266E+004
67	1.021E+004	1.122E+004	1.229E+004
68	9.896E+003	1.088E+004	1.193E+004
69	9.594E+003	1.056E+004	1.159E+004
70	9.303E+003	1.025E+004	1.126E+004
71	9.022E+003	9.947E+003	1.094E+004
72	8.751E+003	9.657E+003	1.063E+004
73	8.490E+003	9.376E+003	1.033E+004
74	8.238E+003	9.105E+003	1.004E+004
75	7.994E+003	8.843E+003	9.759E+003
76	7.758E+003	8.590E+003	9.487E+003
77	7.530E+003	8.345E+003	9.224E+003
78	7.310E+003	8.107E+003	8.969E+003
79	7.097E+003	7.878E+003	8.723E+003
80	6.891E+003	7.656E+003	8.484E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	6.891E+003	7.656E+003	8.484E+003
81	6.692E+003	7.441E+003	8.253E+003
82	6.500E+003	7.233E+003	8.028E+003
83	6.314E+003	7.031E+003	7.811E+003
84	6.134E+003	6.836E+003	7.600E+003
85	5.959E+003	6.647E+003	7.396E+003
86	5.790E+003	6.464E+003	7.198E+003
87	5.627E+003	6.287E+003	7.006E+003
88	5.469E+003	6.115E+003	6.820E+003
89	5.316E+003	5.948E+003	6.640E+003
90	5.167E+003	5.787E+003	6.465E+003
91	5.025E+003	5.632E+003	6.296E+003
92	4.887E+003	5.481E+003	6.133E+003
93	4.753E+003	5.335E+003	5.974E+003
94	4.622E+003	5.193E+003	5.819E+003
95	4.496E+003	5.054E+003	5.668E+003
96	4.373E+003	4.920E+003	5.521E+003
97	4.253E+003	4.789E+003	5.378E+003
98	4.137E+003	4.661E+003	5.239E+003
99	4.024E+003	4.537E+003	5.103E+003
100	3.914E+003	4.416E+003	4.971E+003
101	3.804E+003	4.296E+003	4.840E+003
102	3.699E+003	4.180E+003	4.712E+003
103	3.596E+003	4.067E+003	4.589E+003
104	3.497E+003	3.958E+003	4.469E+003
105	3.401E+003	3.852E+003	4.352E+003
106	3.308E+003	3.750E+003	4.239E+003
107	3.218E+003	3.650E+003	4.130E+003
108	3.131E+003	3.554E+003	4.023E+003
109	3.046E+003	3.460E+003	3.920E+003
110	2.964E+003	3.369E+003	3.820E+003
111	2.884E+003	3.281E+003	3.722E+003
112	2.807E+003	3.195E+003	3.628E+003
113	2.732E+003	3.112E+003	3.536E+003
114	2.660E+003	3.032E+003	3.447E+003
115	2.590E+003	2.954E+003	3.360E+003
116	2.521E+003	2.878E+003	3.277E+003
117	2.455E+003	2.804E+003	3.195E+003
118	2.391E+003	2.733E+003	3.116E+003
119	2.329E+003	2.664E+003	3.039E+003
120	2.269E+003	2.597E+003	2.965E+003
121	2.211E+003	2.532E+003	2.892E+003
122	2.154E+003	2.469E+003	2.822E+003
123	2.100E+003	2.408E+003	2.754E+003
124	2.046E+003	2.348E+003	2.688E+003
125	1.995E+003	2.291E+003	2.623E+003