NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3J333J [T,B]

RESISTANCE(at25℃)	33000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3450 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.520E+005	7.560E+005	8.745E+005
-39	6.149E+005	7.116E+005	8.216E+005
-38	5.802E+005	6.702E+005	7.723E+005
-37	5.477E+005	6.315E+005	7.264E+005
-36	5.173E+005	5.953E+005	6.835E+005
-35	4.887E+005	5.615E+005	6.434E+005
-34	4.620E+005	5.298E+005	6.061E+005
-33	4.369E+005	5.002E+005	5.711E+005
-32	4.134E+005	4.724E+005	5.384E+005
-31	3.913E+005	4.464E+005	5.079E+005
-30	3.706E+005	4.219E+005	4.792E+005
-29	3.511E+005	3.990E+005	4.524E+005
-28	3.327E+005	3.775E+005	4.273E+005
-27	3.155E+005	3.573E+005	4.038E+005
-26	2.992E+005	3.384E+005	3.817E+005
-25	2.840E+005	3.206E+005	3.610E+005
-24	2.696E+005	3.038E+005	3.415E+005
-23	2.560E+005	2.880E+005	3.233E+005
-22	2.432E+005	2.732E+005	3.061E+005
-21	2.312E+005	2.593E+005	2.900E+005
-20	2.198E+005	2.461E+005	2.749E+005
-19	2.091E+005	2.337E+005	2.606E+005
-18	1.989E+005	2.220E+005	2.472E+005
-17	1.894E+005	2.110E+005	2.345E+005
-16	1.803E+005	2.006E+005	2.226E+005
-15	1.718E+005	1.908E+005	2.114E+005
-14	1.637E+005	1.815E+005	2.008E+005
-13	1.560E+005	1.728E+005	1.908E+005
-12	1.488E+005	1.645E+005	1.814E+005
-11	1.419E+005	1.567E+005	1.725E+005
-10	1.354E+005	1.493E+005	1.641E+005
-9	1.292E+005	1.423E+005	1.562E+005
-8	1.234E+005	1.356E+005	1.487E+005
-7	1.179E+005	1.294E+005	1.416E+005
-6	1.126E+005	1.234E+005	1.349E+005
-5	1.076E+005	1.178E+005	1.286E+005
-4	1.029E+005	1.124E+005	1.225E+005
-3	9.838E+004	1.074E+005	1.168E+005
-2	9.410E+004	1.025E+005	1.114E+005
-1	9.003E+004	9.796E+004	1.063E+005
0	8.616E+004	9.363E+004	1.015E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.616E+004	9.363E+004	1.015E+005
1	8.248E+004	8.950E+004	9.687E+004
2	7.897E+004	8.558E+004	9.250E+004
3	7.564E+004	8.185E+004	8.836E+004
4	7.247E+004	7.832E+004	8.442E+004
5	6.945E+004	7.496E+004	8.069E+004
6	6.658E+004	7.176E+004	7.715E+004
7	6.384E+004	6.872E+004	7.378E+004
8	6.124E+004	6.583E+004	7.058E+004
9	5.875E+004	6.307E+004	6.754E+004
10	5.638E+004	6.045E+004	6.465E+004
11	5.413E+004	5.796E+004	6.191E+004
12	5.197E+004	5.558E+004	5.929E+004
13	4.992E+004	5.332E+004	5.680E+004
14	4.796E+004	5.116E+004	5.443E+004
15	4.608E+004	4.910E+004	5.218E+004
16	4.429E+004	4.713E+004	5.003E+004
17	4.259E+004	4.526E+004	4.798E+004
18	4.095E+004	4.347E+004	4.602E+004
19	3.939E+004	4.176E+004	4.416E+004
20	3.790E+004	4.013E+004	4.239E+004
21	3.647E+004	3.857E+004	4.069E+004
22	3.510E+004	3.708E+004	3.907E+004
23	3.380E+004	3.566E+004	3.753E+004
24	3.255E+004	3.430E+004	3.606E+004
25	3.135E+004	3.300E+004	3.465E+004
26	3.013E+004	3.176E+004	3.338E+004
27	2.897E+004	3.057E+004	3.217E+004
28	2.786E+004	2.943E+004	3.101E+004
29	2.680E+004	2.834E+004	2.989E+004
30	2.579E+004	2.730E+004	2.883E+004
31	2.481E+004	2.630E+004	2.780E+004
32	2.388E+004	2.534E+004	2.682E+004
33	2.299E+004	2.443E+004	2.588E+004
34	2.214E+004	2.355E+004	2.498E+004
35	2.133E+004	2.271E+004	2.411E+004
36	2.055E+004	2.190E+004	2.328E+004
37	1.980E+004	2.112E+004	2.248E+004
38	1.908E+004	2.038E+004	2.171E+004
39	1.840E+004	1.967E+004	2.098E+004
40	1.774E+004	1.899E+004	2.027E+004

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TYPE	TN10-3J333J [T,B]

RESISTANCE(at25℃)	33000 Ω	R-TOLERANCE(±)	5 %
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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.774E+004	1.899E+004	2.027E+004
41	1.711E+004	1.833E+004	1.959E+004
42	1.650E+004	1.770E+004	1.894E+004
43	1.592E+004	1.710E+004	1.831E+004
44	1.537E+004	1.652E+004	1.771E+004
45	1.483E+004	1.596E+004	1.713E+004
46	1.432E+004	1.542E+004	1.657E+004
47	1.383E+004	1.491E+004	1.603E+004
48	1.336E+004	1.441E+004	1.552E+004
49	1.290E+004	1.394E+004	1.502E+004
50	1.247E+004	1.348E+004	1.454E+004
51	1.205E+004	1.304E+004	1.408E+004
52	1.165E+004	1.262E+004	1.363E+004
53	1.126E+004	1.221E+004	1.321E+004
54	1.088E+004	1.182E+004	1.279E+004
55	1.053E+004	1.144E+004	1.240E+004
56	1.018E+004	1.107E+004	1.201E+004
57	9.850E+003	1.072E+004	1.164E+004
58	9.531E+003	1.039E+004	1.129E+004
59	9.224E+003	1.006E+004	1.095E+004
60	8.928E+003	9.747E+003	1.061E+004
61	8.644E+003	9.446E+003	1.030E+004
62	8.370E+003	9.155E+003	9.989E+003
63	8.107E+003	8.875E+003	9.692E+003
64	7.853E+003	8.605E+003	9.405E+003
65	7.608E+003	8.344E+003	9.128E+003
66	7.372E+003	8.092E+003	8.861E+003
67	7.144E+003	7.849E+003	8.603E+003
68	6.924E+003	7.615E+003	8.353E+003
69	6.712E+003	7.388E+003	8.112E+003
70	6.508E+003	7.169E+003	7.879E+003
71	6.311E+003	6.959E+003	7.654E+003
72	6.121E+003	6.755E+003	7.436E+003
73	5.937E+003	6.558E+003	7.226E+003
74	5.760E+003	6.368E+003	7.022E+003
75	5.588E+003	6.183E+003	6.824E+003
76	5.423E+003	6.005E+003	6.633E+003
77	5.262E+003	5.832E+003	6.448E+003
78	5.108E+003	5.666E+003	6.269E+003
79	4.958E+003	5.504E+003	6.095E+003
80	4.813E+003	5.347E+003	5.927E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	4.813E+003	5.347E+003	5.927E+003
81	4.672E+003	5.195E+003	5.763E+003
82	4.536E+003	5.048E+003	5.604E+003
83	4.404E+003	4.905E+003	5.450E+003
84	4.276E+003	4.767E+003	5.301E+003
85	4.153E+003	4.634E+003	5.157E+003
86	4.034E+003	4.504E+003	5.017E+003
87	3.919E+003	4.379E+003	4.881E+003
88	3.807E+003	4.258E+003	4.750E+003
89	3.699E+003	4.140E+003	4.622E+003
90	3.595E+003	4.027E+003	4.499E+003
91	3.495E+003	3.918E+003	4.381E+003
92	3.398E+003	3.812E+003	4.266E+003
93	3.303E+003	3.709E+003	4.154E+003
94	3.212E+003	3.609E+003	4.045E+003
95	3.123E+003	3.512E+003	3.939E+003
96	3.037E+003	3.418E+003	3.836E+003
97	2.953E+003	3.326E+003	3.736E+003
98	2.872E+003	3.237E+003	3.639E+003
99	2.793E+003	3.150E+003	3.544E+003
100	2.716E+003	3.065E+003	3.451E+003
101	2.640E+003	2.982E+003	3.360E+003
102	2.567E+003	2.901E+003	3.271E+003
103	2.495E+003	2.823E+003	3.185E+003
104	2.427E+003	2.747E+003	3.102E+003
105	2.360E+003	2.673E+003	3.021E+003
106	2.295E+003	2.602E+003	2.942E+003
107	2.233E+003	2.533E+003	2.866E+003
108	2.172E+003	2.466E+003	2.792E+003
109	2.113E+003	2.401E+003	2.721E+003
110	2.056E+003	2.338E+003	2.651E+003
111	2.001E+003	2.276E+003	2.583E+003
112	1.947E+003	2.217E+003	2.517E+003
113	1.895E+003	2.159E+003	2.454E+003
114	1.845E+003	2.103E+003	2.392E+003
115	1.796E+003	2.049E+003	2.332E+003
116	1.749E+003	1.996E+003	2.273E+003
117	1.703E+003	1.945E+003	2.217E+003
118	1.658E+003	1.896E+003	2.162E+003
119	1.615E+003	1.848E+003	2.109E+003
120	1.574E+003	1.801E+003	2.057E+003
121	1.533E+003	1.756E+003	2.007E+003
122	1.494E+003	1.712E+003	1.958E+003
123	1.456E+003	1.670E+003	1.911E+003
124	1.419E+003	1.629E+003	1.865E+003
125	1.383E+003	1.589E+003	1.820E+003