NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3C471J [T,B]

RESISTANCE(at25℃)	470 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3100 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.920E+003	7.946E+003	9.101E+003
-39	6.562E+003	7.522E+003	8.601E+003
-38	6.226E+003	7.125E+003	8.133E+003
-37	5.910E+003	6.752E+003	7.694E+003
-36	5.612E+003	6.401E+003	7.282E+003
-35	5.331E+003	6.071E+003	6.895E+003
-34	5.067E+003	5.760E+003	6.532E+003
-33	4.818E+003	5.468E+003	6.191E+003
-32	4.583E+003	5.193E+003	5.870E+003
-31	4.361E+003	4.934E+003	5.568E+003
-30	4.151E+003	4.689E+003	5.284E+003
-29	3.953E+003	4.459E+003	5.016E+003
-28	3.766E+003	4.241E+003	4.764E+003
-27	3.589E+003	4.036E+003	4.526E+003
-26	3.422E+003	3.842E+003	4.302E+003
-25	3.264E+003	3.659E+003	4.091E+003
-24	3.114E+003	3.486E+003	3.892E+003
-23	2.973E+003	3.322E+003	3.703E+003
-22	2.838E+003	3.167E+003	3.526E+003
-21	2.711E+003	3.021E+003	3.358E+003
-20	2.591E+003	2.882E+003	3.199E+003
-19	2.476E+003	2.751E+003	3.049E+003
-18	2.368E+003	2.627E+003	2.907E+003
-17	2.265E+003	2.509E+003	2.773E+003
-16	2.167E+003	2.398E+003	2.646E+003
-15	2.074E+003	2.292E+003	2.525E+003
-14	1.986E+003	2.191E+003	2.411E+003
-13	1.902E+003	2.095E+003	2.303E+003
-12	1.822E+003	2.005E+003	2.200E+003
-11	1.746E+003	1.918E+003	2.102E+003
-10	1.674E+003	1.836E+003	2.010E+003
-9	1.605E+003	1.759E+003	1.922E+003
-8	1.540E+003	1.685E+003	1.839E+003
-7	1.477E+003	1.614E+003	1.760E+003
-6	1.417E+003	1.547E+003	1.684E+003
-5	1.361E+003	1.483E+003	1.613E+003
-4	1.306E+003	1.422E+003	1.544E+003
-3	1.255E+003	1.364E+003	1.479E+003
-2	1.205E+003	1.309E+003	1.417E+003
-1	1.158E+003	1.256E+003	1.358E+003
0	1.113E+003	1.205E+003	1.302E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.113E+003	1.205E+003	1.302E+003
1	1.070E+003	1.157E+003	1.249E+003
2	1.028E+003	1.111E+003	1.198E+003
3	9.890E+002	1.067E+003	1.149E+003
4	9.514E+002	1.025E+003	1.102E+003
5	9.155E+002	9.856E+002	1.058E+003
6	8.812E+002	9.475E+002	1.016E+003
7	8.483E+002	9.111E+002	9.760E+002
8	8.169E+002	8.763E+002	9.377E+002
9	7.869E+002	8.431E+002	9.011E+002
10	7.582E+002	8.114E+002	8.662E+002
11	7.307E+002	7.811E+002	8.328E+002
12	7.044E+002	7.521E+002	8.010E+002
13	6.792E+002	7.243E+002	7.705E+002
14	6.550E+002	6.978E+002	7.415E+002
15	6.319E+002	6.723E+002	7.136E+002
16	6.097E+002	6.480E+002	6.871E+002
17	5.884E+002	6.247E+002	6.616E+002
18	5.680E+002	6.024E+002	6.373E+002
19	5.484E+002	5.810E+002	6.140E+002
20	5.297E+002	5.605E+002	5.917E+002
21	5.117E+002	5.409E+002	5.703E+002
22	4.944E+002	5.220E+002	5.499E+002
23	4.778E+002	5.040E+002	5.303E+002
24	4.618E+002	4.866E+002	5.115E+002
25	4.465E+002	4.700E+002	4.935E+002
26	4.309E+002	4.540E+002	4.772E+002
27	4.159E+002	4.387E+002	4.616E+002
28	4.015E+002	4.240E+002	4.466E+002
29	3.877E+002	4.098E+002	4.321E+002
30	3.745E+002	3.963E+002	4.182E+002
31	3.618E+002	3.832E+002	4.049E+002
32	3.496E+002	3.707E+002	3.920E+002
33	3.379E+002	3.586E+002	3.796E+002
34	3.267E+002	3.470E+002	3.677E+002
35	3.159E+002	3.359E+002	3.563E+002
36	3.055E+002	3.251E+002	3.452E+002
37	2.955E+002	3.148E+002	3.346E+002
38	2.859E+002	3.049E+002	3.243E+002
39	2.766E+002	2.953E+002	3.144E+002
40	2.678E+002	2.861E+002	3.049E+002

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TYPE	TN10-3C471J [T,B]

RESISTANCE(at25℃)	470 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3100 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.678E+002	2.861E+002	3.049E+002
41	2.592E+002	2.772E+002	2.957E+002
42	2.509E+002	2.686E+002	2.868E+002
43	2.430E+002	2.603E+002	2.783E+002
44	2.353E+002	2.524E+002	2.700E+002
45	2.280E+002	2.447E+002	2.620E+002
46	2.209E+002	2.373E+002	2.543E+002
47	2.140E+002	2.302E+002	2.469E+002
48	2.074E+002	2.233E+002	2.398E+002
49	2.011E+002	2.167E+002	2.328E+002
50	1.950E+002	2.103E+002	2.262E+002
51	1.891E+002	2.041E+002	2.197E+002
52	1.835E+002	1.982E+002	2.135E+002
53	1.780E+002	1.924E+002	2.075E+002
54	1.727E+002	1.869E+002	2.018E+002
55	1.676E+002	1.816E+002	1.961E+002
56	1.627E+002	1.764E+002	1.907E+002
57	1.580E+002	1.714E+002	1.855E+002
58	1.534E+002	1.666E+002	1.804E+002
59	1.490E+002	1.619E+002	1.755E+002
60	1.447E+002	1.574E+002	1.707E+002
61	1.405E+002	1.530E+002	1.661E+002
62	1.365E+002	1.487E+002	1.617E+002
63	1.327E+002	1.446E+002	1.573E+002
64	1.289E+002	1.407E+002	1.531E+002
65	1.253E+002	1.369E+002	1.491E+002
66	1.218E+002	1.331E+002	1.452E+002
67	1.184E+002	1.296E+002	1.414E+002
68	1.152E+002	1.261E+002	1.377E+002
69	1.120E+002	1.227E+002	1.341E+002
70	1.089E+002	1.195E+002	1.307E+002
71	1.060E+002	1.163E+002	1.274E+002
72	1.032E+002	1.133E+002	1.241E+002
73	1.004E+002	1.104E+002	1.210E+002
74	9.774E+001	1.075E+002	1.180E+002
75	9.515E+001	1.047E+002	1.150E+002
76	9.264E+001	1.021E+002	1.122E+002
77	9.021E+001	9.946E+001	1.094E+002
78	8.786E+001	9.694E+001	1.067E+002
79	8.557E+001	9.449E+001	1.041E+002
80	8.335E+001	9.211E+001	1.015E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	8.335E+001	9.211E+001	1.015E+002
81	8.119E+001	8.979E+001	9.904E+001
82	7.910E+001	8.754E+001	9.663E+001
83	7.707E+001	8.535E+001	9.429E+001
84	7.510E+001	8.324E+001	9.202E+001
85	7.320E+001	8.118E+001	8.981E+001
86	7.135E+001	7.919E+001	8.767E+001
87	6.955E+001	7.725E+001	8.559E+001
88	6.782E+001	7.538E+001	8.357E+001
89	6.613E+001	7.355E+001	8.161E+001
90	6.449E+001	7.179E+001	7.970E+001
91	6.291E+001	7.007E+001	7.786E+001
92	6.137E+001	6.841E+001	7.606E+001
93	5.988E+001	6.679E+001	7.431E+001
94	5.843E+001	6.522E+001	7.262E+001
95	5.702E+001	6.369E+001	7.096E+001
96	5.566E+001	6.221E+001	6.936E+001
97	5.433E+001	6.077E+001	6.780E+001
98	5.304E+001	5.936E+001	6.628E+001
99	5.179E+001	5.800E+001	6.480E+001
100	5.057E+001	5.667E+001	6.336E+001
101	4.938E+001	5.538E+001	6.196E+001
102	4.823E+001	5.413E+001	6.059E+001
103	4.712E+001	5.291E+001	5.927E+001
104	4.603E+001	5.172E+001	5.797E+001
105	4.497E+001	5.057E+001	5.672E+001
106	4.394E+001	4.944E+001	5.549E+001
107	4.294E+001	4.835E+001	5.430E+001
108	4.197E+001	4.728E+001	5.314E+001
109	4.102E+001	4.625E+001	5.200E+001
110	4.010E+001	4.524E+001	5.090E+001
111	3.920E+001	4.425E+001	4.983E+001
112	3.833E+001	4.329E+001	4.878E+001
113	3.748E+001	4.236E+001	4.776E+001
114	3.666E+001	4.145E+001	4.676E+001
115	3.585E+001	4.057E+001	4.579E+001
116	3.507E+001	3.971E+001	4.485E+001
117	3.430E+001	3.887E+001	4.392E+001
118	3.356E+001	3.805E+001	4.303E+001
119	3.284E+001	3.725E+001	4.215E+001
120	3.213E+001	3.647E+001	4.129E+001
121	3.145E+001	3.571E+001	4.046E+001
122	3.078E+001	3.497E+001	3.965E+001
123	3.012E+001	3.425E+001	3.885E+001
124	2.949E+001	3.355E+001	3.808E+001
125	2.887E+001	3.287E+001	3.732E+001