NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TD11-3U334F[T,B]

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	330000 Ω	R+TOLERANCE(%)	1.0	R-TOLERANCE(%)	1.0
B(T1℃/T2℃)	3850 K	B+TOLERANCE(K)	38.5	B-TOLERANCE(K)	38.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
−40	9.267E+06	9.704E+06	1.016E+07
−39	8.709E+06	9.113E+06	9.535E+06
−38	8.187E+06	8.561E+06	8.951E+06
−37	7.700E+06	8.046E+06	8.407E+06
−36	7.245E+06	7.565E+06	7.899E+06
−35	6.819E+06	7.116E+06	7.425E+06
−34	6.421E+06	6.696E+06	6.982E+06
−33	6.049E+06	6.303E+06	6.568E+06
−32	5.700E+06	5.936E+06	6.181E+06
−31	5.373E+06	5.592E+06	5.819E+06
−30	5.067E+06	5.270E+06	5.480E+06
−29	4.780E+06	4.968E+06	5.164E+06
−28	4.511E+06	4.686E+06	4.867E+06
−27	4.259E+06	4.421E+06	4.589E+06
−26	4.022E+06	4.173E+06	4.328E+06
−25	3.800E+06	3.940E+06	4.084E+06
−24	3.591E+06	3.721E+06	3.855E+06
−23	3.395E+06	3.516E+06	3.640E+06
−22	3.211E+06	3.323E+06	3.438E+06
−21	3.038E+06	3.142E+06	3.249E+06
−20	2.875E+06	2.971E+06	3.071E+06
−19	2.721E+06	2.811E+06	2.903E+06
−18	2.577E+06	2.660E+06	2.746E+06
−17	2.441E+06	2.519E+06	2.598E+06
−16	2.313E+06	2.385E+06	2.459E+06
−15	2.193E+06	2.260E+06	2.328E+06
−14	2.079E+06	2.141E+06	2.205E+06
−13	1.972E+06	2.030E+06	2.089E+06
−12	1.871E+06	1.925E+06	1.980E+06
−11	1.776E+06	1.826E+06	1.877E+06
−10	1.686E+06	1.732E+06	1.780E+06
−9	1.601E+06	1.644E+06	1.689E+06
−8	1.521E+06	1.561E+06	1.602E+06
−7	1.445E+06	1.483E+06	1.521E+06
−6	1.374E+06	1.408E+06	1.444E+06
−5	1.306E+06	1.338E+06	1.371E+06
−4	1.242E+06	1.272E+06	1.303E+06
−3	1.182E+06	1.210E+06	1.238E+06
−2	1.125E+06	1.151E+06	1.177E+06
−1	1.070E+06	1.095E+06	1.119E+06
0	1.019E+06	1.042E+06	1.065E+06

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.019E+06	1.042E+06	1.065E+06
1	9.708E+05	9.917E+05	1.013E+06
2	9.249E+05	9.443E+05	9.641E+05
3	8.814E+05	8.995E+05	9.179E+05
4	8.401E+05	8.570E+05	8.741E+05
5	8.011E+05	8.167E+05	8.326E+05
6	7.641E+05	7.786E+05	7.933E+05
7	7.289E+05	7.424E+05	7.561E+05
8	6.956E+05	7.082E+05	7.208E+05
9	6.640E+05	6.756E+05	6.874E+05
10	6.340E+05	6.448E+05	6.557E+05
11	6.055E+05	6.155E+05	6.257E+05
12	5.785E+05	5.878E+05	5.972E+05
13	5.528E+05	5.614E+05	5.701E+05
14	5.284E+05	5.363E+05	5.444E+05
15	5.051E+05	5.125E+05	5.200E+05
16	4.831E+05	4.899E+05	4.968E+05
17	4.621E+05	4.684E+05	4.748E+05
18	4.421E+05	4.479E+05	4.538E+05
19	4.231E+05	4.285E+05	4.339E+05
20	4.050E+05	4.100E+05	4.150E+05
21	3.878E+05	3.924E+05	3.970E+05
22	3.714E+05	3.756E+05	3.799E+05
23	3.558E+05	3.597E+05	3.636E+05
24	3.409E+05	3.445E+05	3.481E+05
25	3.267E+05	3.300E+05	3.333E+05
26	3.129E+05	3.162E+05	3.195E+05
27	2.998E+05	3.031E+05	3.064E+05
28	2.873E+05	2.905E+05	2.938E+05
29	2.753E+05	2.786E+05	2.819E+05
30	2.640E+05	2.672E+05	2.705E+05
31	2.531E+05	2.564E+05	2.596E+05
32	2.428E+05	2.460E+05	2.492E+05
33	2.330E+05	2.361E+05	2.393E+05
34	2.235E+05	2.267E+05	2.298E+05
35	2.146E+05	2.176E+05	2.207E+05
36	2.060E+05	2.090E+05	2.121E+05
37	1.978E+05	2.008E+05	2.038E+05
38	1.900E+05	1.930E+05	1.959E+05
39	1.825E+05	1.854E+05	1.884E+05
40	1.754E+05	1.783E+05	1.812E+05
41	1.686E+05	1.714E+05	1.743E+05
42	1.621E+05	1.648E+05	1.677E+05
43	1.558E+05	1.586E+05	1.613E+05
44	1.499E+05	1.526E+05	1.553E+05
45	1.442E+05	1.468E+05	1.495E+05
46	1.387E+05	1.413E+05	1.439E+05
47	1.335E+05	1.360E+05	1.386E+05
48	1.285E+05	1.310E+05	1.335E+05
49	1.237E+05	1.262E+05	1.286E+05
50	1.191E+05	1.215E+05	1.240E+05

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B(T1℃/T2℃)	3850 K	B+TOLERANCE(K)	38.5	B-TOLERANCE(K)	38.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.191E+05	1.215E+05	1.240E+05
51	1.147E+05	1.171E+05	1.195E+05
52	1.105E+05	1.128E+05	1.152E+05
53	1.065E+05	1.088E+05	1.111E+05
54	1.026E+05	1.048E+05	1.071E+05
55	9.891E+04	1.011E+05	1.033E+05
56	9.536E+04	9.750E+04	9.968E+04
57	9.195E+04	9.405E+04	9.619E+04
58	8.868E+04	9.074E+04	9.283E+04
59	8.555E+04	8.756E+04	8.961E+04
60	8.254E+04	8.451E+04	8.652E+04
61	7.965E+04	8.158E+04	8.355E+04
62	7.688E+04	7.877E+04	8.070E+04
63	7.421E+04	7.606E+04	7.795E+04
64	7.165E+04	7.347E+04	7.532E+04
65	6.920E+04	7.097E+04	7.279E+04
66	6.684E+04	6.857E+04	7.035E+04
67	6.457E+04	6.627E+04	6.801E+04
68	6.238E+04	6.405E+04	6.575E+04
69	6.029E+04	6.192E+04	6.358E+04
70	5.827E+04	5.986E+04	6.150E+04
71	5.633E+04	5.789E+04	5.949E+04
72	5.446E+04	5.599E+04	5.755E+04
73	5.267E+04	5.416E+04	5.569E+04
74	5.094E+04	5.240E+04	5.390E+04
75	4.928E+04	5.071E+04	5.217E+04
76	4.767E+04	4.907E+04	5.051E+04
77	4.613E+04	4.750E+04	4.890E+04
78	4.465E+04	4.599E+04	4.736E+04
79	4.322E+04	4.453E+04	4.587E+04
80	4.184E+04	4.312E+04	4.444E+04
81	4.051E+04	4.176E+04	4.305E+04
82	3.923E+04	4.046E+04	4.172E+04
83	3.800E+04	3.920E+04	4.043E+04
84	3.681E+04	3.798E+04	3.919E+04
85	3.566E+04	3.681E+04	3.799E+04
86	3.456E+04	3.568E+04	3.683E+04
87	3.349E+04	3.459E+04	3.572E+04
88	3.246E+04	3.353E+04	3.464E+04
89	3.147E+04	3.252E+04	3.360E+04
90	3.051E+04	3.154E+04	3.260E+04
91	2.958E+04	3.059E+04	3.163E+04
92	2.869E+04	2.968E+04	3.069E+04
93	2.783E+04	2.879E+04	2.979E+04
94	2.700E+04	2.794E+04	2.891E+04
95	2.619E+04	2.711E+04	2.807E+04
96	2.542E+04	2.632E+04	2.725E+04
97	2.467E+04	2.555E+04	2.646E+04
98	2.394E+04	2.481E+04	2.570E+04
99	2.324E+04	2.409E+04	2.496E+04
100	2.257E+04	2.339E+04	2.425E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.257E+04	2.339E+04	2.425E+04
101	2.191E+04	2.272E+04	2.356E+04
102	2.128E+04	2.207E+04	2.289E+04
103	2.067E+04	2.145E+04	2.225E+04
104	2.008E+04	2.084E+04	2.163E+04
105	1.951E+04	2.025E+04	2.102E+04
106	1.896E+04	1.969E+04	2.044E+04
107	1.842E+04	1.914E+04	1.987E+04
108	1.791E+04	1.860E+04	1.933E+04
109	1.741E+04	1.809E+04	1.880E+04
110	1.692E+04	1.759E+04	1.828E+04
111	1.646E+04	1.711E+04	1.779E+04
112	1.600E+04	1.664E+04	1.731E+04
113	1.556E+04	1.619E+04	1.684E+04
114	1.514E+04	1.575E+04	1.639E+04
115	1.473E+04	1.533E+04	1.595E+04
116	1.433E+04	1.492E+04	1.553E+04
117	1.394E+04	1.452E+04	1.512E+04
118	1.357E+04	1.414E+04	1.472E+04
119	1.321E+04	1.376E+04	1.434E+04
120	1.286E+04	1.340E+04	1.396E+04
121	1.252E+04	1.305E+04	1.360E+04
122	1.219E+04	1.271E+04	1.325E+04
123	1.188E+04	1.238E+04	1.291E+04
124	1.157E+04	1.207E+04	1.259E+04
125	1.127E+04	1.176E+04	1.227E+04
126	1.098E+04	1.146E+04	1.196E+04
127	1.070E+04	1.117E+04	1.166E+04
128	1.042E+04	1.088E+04	1.136E+04
129	1.016E+04	1.061E+04	1.108E+04
130	9.901E+03	1.034E+04	1.080E+04
131	9.652E+03	1.008E+04	1.054E+04
132	9.409E+03	9.834E+03	1.028E+04
133	9.174E+03	9.590E+03	1.002E+04
134	8.946E+03	9.354E+03	9.780E+03
135	8.724E+03	9.124E+03	9.542E+03
136	8.508E+03	8.901E+03	9.310E+03
137	8.299E+03	8.684E+03	9.086E+03
138	8.096E+03	8.473E+03	8.867E+03
139	7.899E+03	8.268E+03	8.655E+03
140	7.707E+03	8.069E+03	8.448E+03
141	7.520E+03	7.876E+03	8.248E+03
142	7.339E+03	7.688E+03	8.053E+03
143	7.163E+03	7.505E+03	7.863E+03
144	6.992E+03	7.327E+03	7.678E+03
145	6.825E+03	7.154E+03	7.499E+03
146	6.663E+03	6.986E+03	7.324E+03
147	6.506E+03	6.823E+03	7.154E+03
148	6.353E+03	6.664E+03	6.989E+03
149	6.204E+03	6.509E+03	6.828E+03
150	6.059E+03	6.359E+03	6.672E+03