

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN11-3U334J [T, B]

RESISTANCE (at25°C)	330000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3850 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	8.275E+006	9.704E+006	1.135E+007
-39	7.787E+006	9.113E+006	1.064E+007
-38	7.331E+006	8.561E+006	9.972E+006
-37	6.905E+006	8.046E+006	9.353E+006
-36	6.505E+006	7.565E+006	8.776E+006
-35	6.132E+006	7.116E+006	8.238E+006
-34	5.781E+006	6.696E+006	7.736E+006
-33	5.453E+006	6.303E+006	7.267E+006
-32	5.146E+006	5.936E+006	6.830E+006
-31	4.857E+006	5.592E+006	6.422E+006
-30	4.586E+006	5.270E+006	6.040E+006
-29	4.332E+006	4.968E+006	5.684E+006
-28	4.094E+006	4.686E+006	5.350E+006
-27	3.870E+006	4.421E+006	5.038E+006
-26	3.660E+006	4.173E+006	4.746E+006
-25	3.462E+006	3.940E+006	4.473E+006
-24	3.276E+006	3.721E+006	4.216E+006
-23	3.101E+006	3.516E+006	3.976E+006
-22	2.936E+006	3.323E+006	3.751E+006
-21	2.781E+006	3.142E+006	3.540E+006
-20	2.635E+006	2.971E+006	3.342E+006
-19	2.497E+006	2.811E+006	3.156E+006
-18	2.368E+006	2.660E+006	2.982E+006
-17	2.245E+006	2.519E+006	2.818E+006
-16	2.130E+006	2.385E+006	2.664E+006
-15	2.022E+006	2.260E+006	2.519E+006
-14	1.919E+006	2.141E+006	2.383E+006
-13	1.822E+006	2.030E+006	2.255E+006
-12	1.731E+006	1.925E+006	2.135E+006
-11	1.645E+006	1.826E+006	2.022E+006
-10	1.563E+006	1.732E+006	1.915E+006
-9	1.486E+006	1.644E+006	1.815E+006
-8	1.413E+006	1.561E+006	1.720E+006
-7	1.344E+006	1.483E+006	1.631E+006
-6	1.279E+006	1.408E+006	1.547E+006
-5	1.218E+006	1.338E+006	1.468E+006
-4	1.159E+006	1.272E+006	1.393E+006
-3	1.104E+006	1.210E+006	1.322E+006
-2	1.052E+006	1.151E+006	1.256E+006
-1	1.002E+006	1.095E+006	1.193E+006
0	9.552E+005	1.042E+006	1.133E+006

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	9.552E+005	1.042E+006	1.133E+006
1	9.107E+005	9.917E+005	1.077E+006
2	8.685E+005	9.443E+005	1.024E+006
3	8.285E+005	8.995E+005	9.740E+005
4	7.906E+005	8.570E+005	9.266E+005
5	7.546E+005	8.167E+005	8.818E+005
6	7.204E+005	7.786E+005	8.394E+005
7	6.880E+005	7.424E+005	7.992E+005
8	6.572E+005	7.082E+005	7.612E+005
9	6.279E+005	6.756E+005	7.252E+005
10	6.001E+005	6.448E+005	6.911E+005
11	5.737E+005	6.155E+005	6.588E+005
12	5.486E+005	5.878E+005	6.282E+005
13	5.247E+005	5.614E+005	5.991E+005
14	5.020E+005	5.363E+005	5.716E+005
15	4.804E+005	5.125E+005	5.454E+005
16	4.598E+005	4.899E+005	5.206E+005
17	4.402E+005	4.684E+005	4.971E+005
18	4.216E+005	4.479E+005	4.747E+005
19	4.038E+005	4.285E+005	4.535E+005
20	3.869E+005	4.100E+005	4.333E+005
21	3.708E+005	3.924E+005	4.142E+005
22	3.554E+005	3.756E+005	3.960E+005
23	3.408E+005	3.597E+005	3.786E+005
24	3.268E+005	3.445E+005	3.622E+005
25	3.135E+005	3.300E+005	3.465E+005
26	3.000E+005	3.162E+005	3.325E+005
27	2.872E+005	3.031E+005	3.190E+005
28	2.750E+005	2.905E+005	3.063E+005
29	2.633E+005	2.786E+005	2.940E+005
30	2.522E+005	2.672E+005	2.824E+005
31	2.417E+005	2.564E+005	2.712E+005
32	2.316E+005	2.460E+005	2.606E+005
33	2.220E+005	2.361E+005	2.504E+005
34	2.129E+005	2.267E+005	2.407E+005
35	2.042E+005	2.176E+005	2.314E+005
36	1.959E+005	2.090E+005	2.225E+005
37	1.879E+005	2.008E+005	2.140E+005
38	1.804E+005	1.930E+005	2.059E+005
39	1.731E+005	1.854E+005	1.981E+005
40	1.662E+005	1.783E+005	1.907E+005

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RESISTANCE (at 25°C)	330000 Ω	R-TOLERANCE (±)	5 %
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T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	1.662E+005	1.783E+005	1.907E+005
41	1.597E+005	1.714E+005	1.836E+005
42	1.534E+005	1.648E+005	1.767E+005
43	1.473E+005	1.586E+005	1.702E+005
44	1.416E+005	1.526E+005	1.639E+005
45	1.361E+005	1.468E+005	1.579E+005
46	1.309E+005	1.413E+005	1.522E+005
47	1.258E+005	1.360E+005	1.467E+005
48	1.210E+005	1.310E+005	1.414E+005
49	1.164E+005	1.262E+005	1.363E+005
50	1.120E+005	1.215E+005	1.315E+005
51	1.078E+005	1.171E+005	1.268E+005
52	1.038E+005	1.128E+005	1.223E+005
53	9.994E+004	1.088E+005	1.181E+005
54	9.624E+004	1.048E+005	1.139E+005
55	9.270E+004	1.011E+005	1.100E+005
56	8.931E+004	9.750E+004	1.062E+005
57	8.605E+004	9.405E+004	1.025E+005
58	8.294E+004	9.074E+004	9.902E+004
59	7.995E+004	8.756E+004	9.566E+004
60	7.708E+004	8.451E+004	9.242E+004
61	7.433E+004	8.158E+004	8.931E+004
62	7.170E+004	7.877E+004	8.632E+004
63	6.916E+004	7.606E+004	8.344E+004
64	6.674E+004	7.347E+004	8.068E+004
65	6.440E+004	7.097E+004	7.801E+004
66	6.216E+004	6.857E+004	7.545E+004
67	6.001E+004	6.627E+004	7.299E+004
68	5.795E+004	6.405E+004	7.062E+004
69	5.596E+004	6.192E+004	6.833E+004
70	5.405E+004	5.986E+004	6.613E+004
71	5.222E+004	5.789E+004	6.401E+004
72	5.046E+004	5.599E+004	6.197E+004
73	4.876E+004	5.416E+004	6.001E+004
74	4.713E+004	5.240E+004	5.811E+004
75	4.556E+004	5.071E+004	5.629E+004
76	4.405E+004	4.907E+004	5.453E+004
77	4.260E+004	4.750E+004	5.283E+004
78	4.121E+004	4.599E+004	5.119E+004
79	3.986E+004	4.453E+004	4.961E+004
80	3.857E+004	4.312E+004	4.809E+004

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	3.857E+004	4.312E+004	4.809E+004
81	3.732E+004	4.176E+004	4.662E+004
82	3.612E+004	4.046E+004	4.520E+004
83	3.496E+004	3.920E+004	4.384E+004
84	3.385E+004	3.798E+004	4.252E+004
85	3.277E+004	3.681E+004	4.124E+004
86	3.174E+004	3.568E+004	4.001E+004
87	3.074E+004	3.459E+004	3.882E+004
88	2.978E+004	3.353E+004	3.767E+004
89	2.885E+004	3.252E+004	3.656E+004
90	2.795E+004	3.154E+004	3.549E+004
91	2.709E+004	3.059E+004	3.446E+004
92	2.626E+004	2.968E+004	3.345E+004
93	2.545E+004	2.879E+004	3.249E+004
94	2.468E+004	2.794E+004	3.155E+004
95	2.393E+004	2.711E+004	3.065E+004
96	2.321E+004	2.632E+004	2.977E+004
97	2.251E+004	2.555E+004	2.893E+004
98	2.184E+004	2.481E+004	2.811E+004
99	2.119E+004	2.409E+004	2.732E+004
100	2.056E+004	2.339E+004	2.655E+004
101	1.995E+004	2.272E+004	2.581E+004
102	1.937E+004	2.207E+004	2.510E+004
103	1.880E+004	2.145E+004	2.440E+004
104	1.825E+004	2.084E+004	2.373E+004
105	1.773E+004	2.025E+004	2.308E+004
106	1.722E+004	1.969E+004	2.245E+004
107	1.672E+004	1.914E+004	2.184E+004
108	1.624E+004	1.860E+004	2.125E+004
109	1.578E+004	1.809E+004	2.068E+004
110	1.534E+004	1.759E+004	2.013E+004
111	1.490E+004	1.711E+004	1.959E+004
112	1.449E+004	1.664E+004	1.907E+004
113	1.408E+004	1.619E+004	1.857E+004
114	1.369E+004	1.575E+004	1.808E+004
115	1.331E+004	1.533E+004	1.761E+004
116	1.295E+004	1.492E+004	1.715E+004
117	1.259E+004	1.452E+004	1.671E+004
118	1.225E+004	1.414E+004	1.627E+004
119	1.192E+004	1.376E+004	1.586E+004
120	1.159E+004	1.340E+004	1.545E+004
121	1.128E+004	1.305E+004	1.506E+004
122	1.098E+004	1.271E+004	1.468E+004
123	1.069E+004	1.238E+004	1.431E+004
124	1.041E+004	1.206E+004	1.395E+004
125	1.013E+004	1.175E+004	1.360E+004