

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-3D681J [T, B]
------	--------------------

RESISTANCE (at25°C)	680 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3150 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.052E+004	1.209E+004	1.387E+004
-39	9.962E+003	1.144E+004	1.309E+004
-38	9.443E+003	1.082E+004	1.237E+004
-37	8.955E+003	1.024E+004	1.169E+004
-36	8.495E+003	9.702E+003	1.105E+004
-35	8.063E+003	9.193E+003	1.046E+004
-34	7.656E+003	8.715E+003	9.895E+003
-33	7.273E+003	8.265E+003	9.369E+003
-32	6.912E+003	7.842E+003	8.874E+003
-31	6.571E+003	7.443E+003	8.410E+003
-30	6.250E+003	7.068E+003	7.973E+003
-29	5.947E+003	6.715E+003	7.563E+003
-28	5.661E+003	6.382E+003	7.176E+003
-27	5.391E+003	6.068E+003	6.812E+003
-26	5.135E+003	5.771E+003	6.469E+003
-25	4.894E+003	5.491E+003	6.146E+003
-24	4.666E+003	5.227E+003	5.841E+003
-23	4.449E+003	4.977E+003	5.554E+003
-22	4.245E+003	4.741E+003	5.282E+003
-21	4.051E+003	4.518E+003	5.026E+003
-20	3.867E+003	4.307E+003	4.784E+003
-19	3.694E+003	4.107E+003	4.556E+003
-18	3.529E+003	3.918E+003	4.340E+003
-17	3.372E+003	3.739E+003	4.136E+003
-16	3.224E+003	3.570E+003	3.942E+003
-15	3.083E+003	3.409E+003	3.759E+003
-14	2.949E+003	3.256E+003	3.586E+003
-13	2.822E+003	3.111E+003	3.422E+003
-12	2.701E+003	2.974E+003	3.266E+003
-11	2.586E+003	2.843E+003	3.118E+003
-10	2.477E+003	2.719E+003	2.978E+003
-9	2.372E+003	2.601E+003	2.845E+003
-8	2.273E+003	2.489E+003	2.719E+003
-7	2.179E+003	2.383E+003	2.599E+003
-6	2.089E+003	2.282E+003	2.486E+003
-5	2.004E+003	2.186E+003	2.378E+003
-4	1.922E+003	2.094E+003	2.275E+003
-3	1.845E+003	2.007E+003	2.178E+003
-2	1.771E+003	1.924E+003	2.085E+003
-1	1.700E+003	1.845E+003	1.997E+003
0	1.633E+003	1.770E+003	1.913E+003

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	1.633E+003	1.770E+003	1.913E+003
1	1.569E+003	1.698E+003	1.833E+003
2	1.508E+003	1.630E+003	1.757E+003
3	1.450E+003	1.565E+003	1.685E+003
4	1.394E+003	1.503E+003	1.616E+003
5	1.340E+003	1.444E+003	1.551E+003
6	1.289E+003	1.387E+003	1.488E+003
7	1.241E+003	1.333E+003	1.428E+003
8	1.194E+003	1.281E+003	1.371E+003
9	1.150E+003	1.232E+003	1.317E+003
10	1.107E+003	1.185E+003	1.265E+003
11	1.066E+003	1.140E+003	1.216E+003
12	1.027E+003	1.097E+003	1.169E+003
13	9.899E+002	1.056E+003	1.124E+003
14	9.541E+002	1.017E+003	1.080E+003
15	9.198E+002	9.789E+002	1.039E+003
16	8.870E+002	9.429E+002	9.999E+002
17	8.555E+002	9.084E+002	9.622E+002
18	8.253E+002	8.754E+002	9.262E+002
19	7.964E+002	8.438E+002	8.918E+002
20	7.687E+002	8.135E+002	8.588E+002
21	7.421E+002	7.845E+002	8.273E+002
22	7.166E+002	7.567E+002	7.971E+002
23	6.921E+002	7.301E+002	7.682E+002
24	6.686E+002	7.045E+002	7.405E+002
25	6.460E+002	6.800E+002	7.140E+002
26	6.230E+002	6.565E+002	6.900E+002
27	6.010E+002	6.339E+002	6.670E+002
28	5.798E+002	6.123E+002	6.449E+002
29	5.596E+002	5.915E+002	6.237E+002
30	5.402E+002	5.716E+002	6.033E+002
31	5.215E+002	5.524E+002	5.837E+002
32	5.036E+002	5.340E+002	5.648E+002
33	4.865E+002	5.163E+002	5.467E+002
34	4.700E+002	4.993E+002	5.292E+002
35	4.542E+002	4.830E+002	5.124E+002
36	4.390E+002	4.673E+002	4.962E+002
37	4.244E+002	4.522E+002	4.807E+002
38	4.103E+002	4.377E+002	4.657E+002
39	3.969E+002	4.237E+002	4.513E+002
40	3.839E+002	4.103E+002	4.374E+002

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-3D681J [T, B]

RESISTANCE (at25°C)	680 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3150 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	3.839E+002	4.103E+002	4.374E+002
41	3.714E+002	3.973E+002	4.240E+002
42	3.594E+002	3.849E+002	4.111E+002
43	3.479E+002	3.729E+002	3.987E+002
44	3.368E+002	3.613E+002	3.867E+002
45	3.261E+002	3.502E+002	3.751E+002
46	3.158E+002	3.395E+002	3.640E+002
47	3.059E+002	3.291E+002	3.532E+002
48	2.964E+002	3.192E+002	3.428E+002
49	2.872E+002	3.096E+002	3.328E+002
50	2.784E+002	3.003E+002	3.231E+002
51	2.698E+002	2.913E+002	3.138E+002
52	2.616E+002	2.827E+002	3.048E+002
53	2.537E+002	2.744E+002	2.960E+002
54	2.460E+002	2.663E+002	2.876E+002
55	2.386E+002	2.586E+002	2.795E+002
56	2.315E+002	2.511E+002	2.716E+002
57	2.246E+002	2.438E+002	2.640E+002
58	2.180E+002	2.368E+002	2.567E+002
59	2.116E+002	2.301E+002	2.496E+002
60	2.054E+002	2.236E+002	2.427E+002
61	1.995E+002	2.173E+002	2.360E+002
62	1.937E+002	2.112E+002	2.296E+002
63	1.881E+002	2.053E+002	2.234E+002
64	1.828E+002	1.996E+002	2.174E+002
65	1.776E+002	1.940E+002	2.115E+002
66	1.725E+002	1.887E+002	2.059E+002
67	1.677E+002	1.835E+002	2.004E+002
68	1.630E+002	1.785E+002	1.951E+002
69	1.584E+002	1.737E+002	1.900E+002
70	1.540E+002	1.690E+002	1.850E+002
71	1.498E+002	1.645E+002	1.802E+002
72	1.456E+002	1.601E+002	1.755E+002
73	1.417E+002	1.558E+002	1.710E+002
74	1.378E+002	1.517E+002	1.666E+002
75	1.341E+002	1.477E+002	1.623E+002
76	1.304E+002	1.438E+002	1.582E+002
77	1.269E+002	1.401E+002	1.542E+002
78	1.236E+002	1.364E+002	1.503E+002
79	1.203E+002	1.329E+002	1.465E+002
80	1.171E+002	1.295E+002	1.428E+002

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	1.171E+002	1.295E+002	1.428E+002
81	1.140E+002	1.262E+002	1.393E+002
82	1.110E+002	1.229E+002	1.358E+002
83	1.081E+002	1.198E+002	1.325E+002
84	1.053E+002	1.168E+002	1.292E+002
85	1.026E+002	1.139E+002	1.261E+002
86	9.994E+001	1.110E+002	1.230E+002
87	9.738E+001	1.083E+002	1.200E+002
88	9.491E+001	1.056E+002	1.172E+002
89	9.252E+001	1.030E+002	1.144E+002
90	9.020E+001	1.005E+002	1.117E+002
91	8.796E+001	9.807E+001	1.091E+002
92	8.579E+001	9.572E+001	1.065E+002
93	8.369E+001	9.343E+001	1.041E+002
94	8.164E+001	9.121E+001	1.017E+002
95	7.966E+001	8.906E+001	9.932E+001
96	7.773E+001	8.697E+001	9.706E+001
97	7.586E+001	8.494E+001	9.485E+001
98	7.405E+001	8.296E+001	9.271E+001
99	7.228E+001	8.104E+001	9.063E+001
100	7.057E+001	7.917E+001	8.860E+001
101	6.891E+001	7.736E+001	8.663E+001
102	6.729E+001	7.559E+001	8.471E+001
103	6.572E+001	7.388E+001	8.284E+001
104	6.419E+001	7.221E+001	8.102E+001
105	6.271E+001	7.058E+001	7.925E+001
106	6.126E+001	6.901E+001	7.753E+001
107	5.986E+001	6.747E+001	7.586E+001
108	5.850E+001	6.597E+001	7.422E+001
109	5.717E+001	6.452E+001	7.263E+001
110	5.588E+001	6.310E+001	7.109E+001
111	5.462E+001	6.173E+001	6.958E+001
112	5.340E+001	6.038E+001	6.811E+001
113	5.221E+001	5.908E+001	6.668E+001
114	5.106E+001	5.781E+001	6.528E+001
115	4.993E+001	5.657E+001	6.392E+001
116	4.884E+001	5.536E+001	6.260E+001
117	4.777E+001	5.418E+001	6.131E+001
118	4.673E+001	5.304E+001	6.005E+001
119	4.572E+001	5.192E+001	5.882E+001
120	4.473E+001	5.084E+001	5.763E+001
121	4.378E+001	4.978E+001	5.646E+001
122	4.284E+001	4.875E+001	5.532E+001
123	4.193E+001	4.774E+001	5.421E+001
124	4.105E+001	4.676E+001	5.313E+001
125	4.018E+001	4.580E+001	5.208E+001