

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-3I152J [T, B]

RESISTANCE (at25°C)	1500 Ω	R-TOLERANCE (\pm)	5 %
B-VALUE (25/50°C)	3400 K	B-TOLERANCE (\pm)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	2.932E+004	3.395E+004	3.921E+004
-39	2.766E+004	3.197E+004	3.686E+004
-38	2.611E+004	3.012E+004	3.466E+004
-37	2.465E+004	2.839E+004	3.261E+004
-36	2.329E+004	2.677E+004	3.069E+004
-35	2.201E+004	2.526E+004	2.891E+004
-34	2.081E+004	2.384E+004	2.724E+004
-33	1.969E+004	2.251E+004	2.567E+004
-32	1.863E+004	2.127E+004	2.421E+004
-31	1.764E+004	2.010E+004	2.284E+004
-30	1.671E+004	1.901E+004	2.156E+004
-29	1.584E+004	1.798E+004	2.036E+004
-28	1.501E+004	1.701E+004	1.924E+004
-27	1.424E+004	1.611E+004	1.818E+004
-26	1.351E+004	1.526E+004	1.719E+004
-25	1.282E+004	1.446E+004	1.626E+004
-24	1.217E+004	1.370E+004	1.539E+004
-23	1.156E+004	1.300E+004	1.457E+004
-22	1.098E+004	1.233E+004	1.380E+004
-21	1.044E+004	1.170E+004	1.308E+004
-20	9.929E+003	1.111E+004	1.239E+004
-19	9.445E+003	1.055E+004	1.175E+004
-18	8.987E+003	1.002E+004	1.115E+004
-17	8.555E+003	9.525E+003	1.058E+004
-16	8.146E+003	9.056E+003	1.004E+004
-15	7.760E+003	8.613E+003	9.536E+003
-14	7.394E+003	8.195E+003	9.059E+003
-13	7.049E+003	7.800E+003	8.609E+003
-12	6.721E+003	7.426E+003	8.185E+003
-11	6.411E+003	7.073E+003	7.784E+003
-10	6.117E+003	6.739E+003	7.405E+003
-9	5.839E+003	6.423E+003	7.048E+003
-8	5.575E+003	6.124E+003	6.710E+003
-7	5.325E+003	5.841E+003	6.390E+003
-6	5.088E+003	5.572E+003	6.088E+003
-5	4.862E+003	5.318E+003	5.802E+003
-4	4.648E+003	5.077E+003	5.531E+003
-3	4.445E+003	4.848E+003	5.274E+003
-2	4.252E+003	4.631E+003	5.031E+003
-1	4.069E+003	4.425E+003	4.801E+003
0	3.894E+003	4.230E+003	4.582E+003

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	3.894E+003	4.230E+003	4.582E+003
1	3.728E+003	4.044E+003	4.375E+003
2	3.571E+003	3.868E+003	4.179E+003
3	3.420E+003	3.700E+003	3.992E+003
4	3.278E+003	3.541E+003	3.815E+003
5	3.142E+003	3.389E+003	3.647E+003
6	3.012E+003	3.245E+003	3.488E+003
7	2.889E+003	3.108E+003	3.336E+003
8	2.771E+003	2.978E+003	3.192E+003
9	2.659E+003	2.854E+003	3.056E+003
10	2.553E+003	2.736E+003	2.926E+003
11	2.451E+003	2.624E+003	2.802E+003
12	2.354E+003	2.517E+003	2.684E+003
13	2.261E+003	2.415E+003	2.572E+003
14	2.173E+003	2.317E+003	2.465E+003
15	2.088E+003	2.224E+003	2.364E+003
16	2.008E+003	2.136E+003	2.267E+003
17	1.931E+003	2.052E+003	2.175E+003
18	1.857E+003	1.971E+003	2.087E+003
19	1.787E+003	1.894E+003	2.003E+003
20	1.720E+003	1.821E+003	1.923E+003
21	1.655E+003	1.751E+003	1.847E+003
22	1.594E+003	1.684E+003	1.774E+003
23	1.535E+003	1.620E+003	1.705E+003
24	1.479E+003	1.559E+003	1.638E+003
25	1.425E+003	1.500E+003	1.575E+003
26	1.370E+003	1.444E+003	1.518E+003
27	1.318E+003	1.391E+003	1.463E+003
28	1.268E+003	1.339E+003	1.411E+003
29	1.220E+003	1.290E+003	1.361E+003
30	1.174E+003	1.243E+003	1.313E+003
31	1.131E+003	1.198E+003	1.267E+003
32	1.089E+003	1.155E+003	1.223E+003
33	1.049E+003	1.114E+003	1.180E+003
34	1.011E+003	1.074E+003	1.140E+003
35	9.739E+002	1.037E+003	1.101E+003
36	9.387E+002	1.000E+003	1.063E+003
37	9.051E+002	9.654E+002	1.027E+003
38	8.728E+002	9.320E+002	9.926E+002
39	8.419E+002	8.999E+002	9.595E+002
40	8.122E+002	8.691E+002	9.276E+002

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-31152J [T, B]

RESISTANCE (at25°C)	1500 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3400 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	8.122E+002	8.691E+002	9.276E+002
41	7.838E+002	8.395E+002	8.970E+002
42	7.565E+002	8.112E+002	8.676E+002
43	7.304E+002	7.839E+002	8.393E+002
44	7.053E+002	7.578E+002	8.121E+002
45	6.812E+002	7.326E+002	7.860E+002
46	6.580E+002	7.084E+002	7.608E+002
47	6.358E+002	6.852E+002	7.366E+002
48	6.145E+002	6.629E+002	7.133E+002
49	5.940E+002	6.414E+002	6.909E+002
50	5.743E+002	6.208E+002	6.693E+002
51	5.554E+002	6.009E+002	6.485E+002
52	5.373E+002	5.818E+002	6.285E+002
53	5.198E+002	5.634E+002	6.093E+002
54	5.030E+002	5.457E+002	5.907E+002
55	4.868E+002	5.287E+002	5.728E+002
56	4.713E+002	5.123E+002	5.555E+002
57	4.563E+002	4.965E+002	5.389E+002
58	4.419E+002	4.813E+002	5.229E+002
59	4.281E+002	4.666E+002	5.074E+002
60	4.147E+002	4.525E+002	4.925E+002
61	4.019E+002	4.389E+002	4.782E+002
62	3.895E+002	4.258E+002	4.643E+002
63	3.776E+002	4.132E+002	4.509E+002
64	3.661E+002	4.010E+002	4.380E+002
65	3.551E+002	3.892E+002	4.255E+002
66	3.444E+002	3.778E+002	4.135E+002
67	3.341E+002	3.669E+002	4.018E+002
68	3.242E+002	3.563E+002	3.906E+002
69	3.146E+002	3.461E+002	3.797E+002
70	3.054E+002	3.362E+002	3.692E+002
71	2.965E+002	3.267E+002	3.591E+002
72	2.879E+002	3.175E+002	3.493E+002
73	2.796E+002	3.086E+002	3.398E+002
74	2.716E+002	3.000E+002	3.306E+002
75	2.638E+002	2.917E+002	3.217E+002
76	2.564E+002	2.837E+002	3.131E+002
77	2.491E+002	2.759E+002	3.048E+002
78	2.421E+002	2.684E+002	2.968E+002
79	2.354E+002	2.611E+002	2.890E+002
80	2.289E+002	2.541E+002	2.814E+002

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	2.289E+002	2.541E+002	2.814E+002
81	2.225E+002	2.473E+002	2.741E+002
82	2.164E+002	2.407E+002	2.670E+002
83	2.105E+002	2.343E+002	2.601E+002
84	2.048E+002	2.281E+002	2.535E+002
85	1.993E+002	2.221E+002	2.470E+002
86	1.939E+002	2.163E+002	2.407E+002
87	1.887E+002	2.107E+002	2.347E+002
88	1.837E+002	2.053E+002	2.288E+002
89	1.789E+002	2.000E+002	2.231E+002
90	1.742E+002	1.949E+002	2.176E+002
91	1.697E+002	1.900E+002	2.123E+002
92	1.653E+002	1.852E+002	2.071E+002
93	1.610E+002	1.806E+002	2.021E+002
94	1.569E+002	1.761E+002	1.972E+002
95	1.529E+002	1.717E+002	1.924E+002
96	1.490E+002	1.675E+002	1.878E+002
97	1.452E+002	1.634E+002	1.834E+002
98	1.416E+002	1.594E+002	1.790E+002
99	1.381E+002	1.555E+002	1.748E+002
100	1.346E+002	1.518E+002	1.707E+002
101	1.313E+002	1.481E+002	1.667E+002
102	1.281E+002	1.446E+002	1.629E+002
103	1.249E+002	1.412E+002	1.591E+002
104	1.219E+002	1.378E+002	1.555E+002
105	1.189E+002	1.346E+002	1.519E+002
106	1.161E+002	1.314E+002	1.485E+002
107	1.133E+002	1.284E+002	1.451E+002
108	1.106E+002	1.254E+002	1.418E+002
109	1.079E+002	1.225E+002	1.387E+002
110	1.054E+002	1.197E+002	1.356E+002
111	1.029E+002	1.170E+002	1.326E+002
112	1.005E+002	1.143E+002	1.297E+002
113	9.817E+001	1.117E+002	1.268E+002
114	9.590E+001	1.092E+002	1.240E+002
115	9.369E+001	1.068E+002	1.214E+002
116	9.155E+001	1.044E+002	1.187E+002
117	8.946E+001	1.021E+002	1.162E+002
118	8.743E+001	9.983E+001	1.137E+002
119	8.546E+001	9.764E+001	1.113E+002
120	8.354E+001	9.552E+001	1.089E+002
121	8.167E+001	9.344E+001	1.066E+002
122	7.986E+001	9.143E+001	1.044E+002
123	7.809E+001	8.946E+001	1.022E+002
124	7.638E+001	8.755E+001	1.001E+002
125	7.470E+001	8.569E+001	9.805E+001