

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-3U153J [T, B]

RESISTANCE (at25°C)	15000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3850 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	3.312E+005	3.884E+005	4.544E+005
-39	3.144E+005	3.679E+005	4.295E+005
-38	2.985E+005	3.486E+005	4.060E+005
-37	2.834E+005	3.302E+005	3.839E+005
-36	2.691E+005	3.129E+005	3.630E+005
-35	2.555E+005	2.965E+005	3.432E+005
-34	2.426E+005	2.810E+005	3.246E+005
-33	2.304E+005	2.663E+005	3.070E+005
-32	2.188E+005	2.524E+005	2.904E+005
-31	2.078E+005	2.392E+005	2.748E+005
-30	1.974E+005	2.268E+005	2.600E+005
-29	1.876E+005	2.152E+005	2.461E+005
-28	1.783E+005	2.041E+005	2.331E+005
-27	1.695E+005	1.936E+005	2.207E+005
-26	1.611E+005	1.837E+005	2.089E+005
-25	1.531E+005	1.742E+005	1.978E+005
-24	1.455E+005	1.653E+005	1.873E+005
-23	1.382E+005	1.568E+005	1.773E+005
-22	1.314E+005	1.487E+005	1.679E+005
-21	1.248E+005	1.410E+005	1.589E+005
-20	1.186E+005	1.338E+005	1.505E+005
-19	1.127E+005	1.269E+005	1.424E+005
-18	1.071E+005	1.203E+005	1.349E+005
-17	1.018E+005	1.141E+005	1.277E+005
-16	9.671E+004	1.083E+005	1.209E+005
-15	9.192E+004	1.027E+005	1.146E+005
-14	8.738E+004	9.750E+004	1.085E+005
-13	8.308E+004	9.254E+004	1.028E+005
-12	7.900E+004	8.785E+004	9.744E+004
-11	7.513E+004	8.341E+004	9.236E+004
-10	7.146E+004	7.920E+004	8.756E+004
-9	6.798E+004	7.522E+004	8.301E+004
-8	6.468E+004	7.144E+004	7.872E+004
-7	6.155E+004	6.788E+004	7.467E+004
-6	5.858E+004	6.450E+004	7.084E+004
-5	5.577E+004	6.131E+004	6.722E+004
-4	5.311E+004	5.828E+004	6.381E+004
-3	5.058E+004	5.542E+004	6.058E+004
-2	4.818E+004	5.271E+004	5.753E+004
-1	4.591E+004	5.015E+004	5.464E+004
0	4.375E+004	4.772E+004	5.191E+004

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	4.375E+004	4.772E+004	5.191E+004
1	4.171E+004	4.542E+004	4.933E+004
2	3.976E+004	4.323E+004	4.689E+004
3	3.792E+004	4.117E+004	4.458E+004
4	3.617E+004	3.921E+004	4.240E+004
5	3.451E+004	3.736E+004	4.033E+004
6	3.294E+004	3.560E+004	3.838E+004
7	3.145E+004	3.394E+004	3.653E+004
8	3.003E+004	3.236E+004	3.478E+004
9	2.868E+004	3.086E+004	3.312E+004
10	2.740E+004	2.944E+004	3.155E+004
11	2.618E+004	2.809E+004	3.006E+004
12	2.503E+004	2.681E+004	2.865E+004
13	2.393E+004	2.560E+004	2.732E+004
14	2.288E+004	2.445E+004	2.605E+004
15	2.189E+004	2.335E+004	2.485E+004
16	2.095E+004	2.232E+004	2.372E+004
17	2.005E+004	2.133E+004	2.264E+004
18	1.919E+004	2.039E+004	2.161E+004
19	1.838E+004	1.950E+004	2.064E+004
20	1.760E+004	1.865E+004	1.972E+004
21	1.687E+004	1.785E+004	1.884E+004
22	1.616E+004	1.708E+004	1.801E+004
23	1.550E+004	1.635E+004	1.722E+004
24	1.486E+004	1.566E+004	1.646E+004
25	1.425E+004	1.500E+004	1.575E+004
26	1.363E+004	1.437E+004	1.511E+004
27	1.305E+004	1.377E+004	1.450E+004
28	1.249E+004	1.320E+004	1.392E+004
29	1.196E+004	1.266E+004	1.336E+004
30	1.146E+004	1.214E+004	1.283E+004
31	1.098E+004	1.165E+004	1.232E+004
32	1.052E+004	1.117E+004	1.184E+004
33	1.008E+004	1.072E+004	1.137E+004
34	9.669E+003	1.029E+004	1.093E+004
35	9.273E+003	9.885E+003	1.051E+004
36	8.896E+003	9.494E+003	1.011E+004
37	8.535E+003	9.120E+003	9.721E+003
38	8.191E+003	8.763E+003	9.352E+003
39	7.863E+003	8.422E+003	8.999E+003
40	7.550E+003	8.097E+003	8.661E+003

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T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	7.550E+003	8.097E+003	8.661E+003
41	7.251E+003	7.785E+003	8.337E+003
42	6.965E+003	7.487E+003	8.027E+003
43	6.692E+003	7.202E+003	7.730E+003
44	6.432E+003	6.929E+003	7.446E+003
45	6.183E+003	6.668E+003	7.174E+003
46	5.945E+003	6.419E+003	6.914E+003
47	5.717E+003	6.180E+003	6.664E+003
48	5.500E+003	5.952E+003	6.425E+003
49	5.292E+003	5.733E+003	6.196E+003
50	5.093E+003	5.524E+003	5.976E+003
51	4.903E+003	5.324E+003	5.766E+003
52	4.721E+003	5.132E+003	5.565E+003
53	4.547E+003	4.949E+003	5.372E+003
54	4.381E+003	4.772E+003	5.186E+003
55	4.221E+003	4.604E+003	5.008E+003
56	4.068E+003	4.442E+003	4.837E+003
57	3.922E+003	4.286E+003	4.673E+003
58	3.781E+003	4.137E+003	4.515E+003
59	3.647E+003	3.994E+003	4.363E+003
60	3.517E+003	3.856E+003	4.217E+003
61	3.393E+003	3.724E+003	4.077E+003
62	3.274E+003	3.597E+003	3.942E+003
63	3.160E+003	3.475E+003	3.812E+003
64	3.050E+003	3.358E+003	3.687E+003
65	2.945E+003	3.245E+003	3.567E+003
66	2.844E+003	3.137E+003	3.452E+003
67	2.747E+003	3.033E+003	3.340E+003
68	2.653E+003	2.933E+003	3.233E+003
69	2.564E+003	2.836E+003	3.130E+003
70	2.478E+003	2.744E+003	3.031E+003
71	2.395E+003	2.655E+003	2.936E+003
72	2.315E+003	2.569E+003	2.844E+003
73	2.239E+003	2.487E+003	2.755E+003
74	2.165E+003	2.407E+003	2.670E+003
75	2.094E+003	2.331E+003	2.587E+003
76	2.026E+003	2.257E+003	2.508E+003
77	1.961E+003	2.186E+003	2.432E+003
78	1.898E+003	2.118E+003	2.358E+003
79	1.837E+003	2.052E+003	2.287E+003
80	1.779E+003	1.989E+003	2.218E+003

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	1.779E+003	1.989E+003	2.218E+003
81	1.723E+003	1.928E+003	2.152E+003
82	1.669E+003	1.869E+003	2.088E+003
83	1.616E+003	1.812E+003	2.027E+003
84	1.566E+003	1.758E+003	1.967E+003
85	1.518E+003	1.705E+003	1.910E+003
86	1.471E+003	1.654E+003	1.855E+003
87	1.426E+003	1.605E+003	1.801E+003
88	1.383E+003	1.557E+003	1.750E+003
89	1.341E+003	1.512E+003	1.700E+003
90	1.301E+003	1.467E+003	1.652E+003
91	1.262E+003	1.425E+003	1.605E+003
92	1.224E+003	1.384E+003	1.560E+003
93	1.188E+003	1.344E+003	1.517E+003
94	1.153E+003	1.306E+003	1.474E+003
95	1.120E+003	1.269E+003	1.434E+003
96	1.087E+003	1.233E+003	1.394E+003
97	1.055E+003	1.198E+003	1.356E+003
98	1.025E+003	1.164E+003	1.319E+003
99	9.956E+002	1.132E+003	1.284E+003
100	9.672E+002	1.101E+003	1.249E+003
101	9.397E+002	1.070E+003	1.216E+003
102	9.130E+002	1.041E+003	1.183E+003
103	8.873E+002	1.012E+003	1.152E+003
104	8.624E+002	9.846E+002	1.121E+003
105	8.384E+002	9.579E+002	1.092E+003
106	8.151E+002	9.321E+002	1.063E+003
107	7.926E+002	9.071E+002	1.035E+003
108	7.709E+002	8.829E+002	1.009E+003
109	7.498E+002	8.595E+002	9.826E+002
110	7.295E+002	8.368E+002	9.575E+002
111	7.098E+002	8.148E+002	9.330E+002
112	6.907E+002	7.935E+002	9.094E+002
113	6.722E+002	7.729E+002	8.864E+002
114	6.543E+002	7.529E+002	8.642E+002
115	6.370E+002	7.335E+002	8.426E+002
116	6.202E+002	7.148E+002	8.217E+002
117	6.040E+002	6.966E+002	8.014E+002
118	5.882E+002	6.789E+002	7.816E+002
119	5.730E+002	6.618E+002	7.625E+002
120	5.582E+002	6.452E+002	7.440E+002
121	5.439E+002	6.291E+002	7.260E+002
122	5.300E+002	6.135E+002	7.085E+002
123	5.165E+002	5.984E+002	6.915E+002
124	5.035E+002	5.837E+002	6.750E+002
125	4.908E+002	5.694E+002	6.590E+002