

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN11-3R154J [T, B]

RESISTANCE (at25°C)	150000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3680 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	3.359E+006	3.921E+006	4.564E+006
-39	3.168E+006	3.690E+006	4.287E+006
-38	2.989E+006	3.474E+006	4.028E+006
-37	2.820E+006	3.272E+006	3.786E+006
-36	2.662E+006	3.082E+006	3.560E+006
-35	2.514E+006	2.905E+006	3.348E+006
-34	2.374E+006	2.738E+006	3.150E+006
-33	2.244E+006	2.583E+006	2.965E+006
-32	2.121E+006	2.436E+006	2.792E+006
-31	2.005E+006	2.299E+006	2.630E+006
-30	1.896E+006	2.170E+006	2.478E+006
-29	1.793E+006	2.049E+006	2.335E+006
-28	1.697E+006	1.935E+006	2.201E+006
-27	1.606E+006	1.828E+006	2.076E+006
-26	1.521E+006	1.728E+006	1.958E+006
-25	1.441E+006	1.634E+006	1.849E+006
-24	1.365E+006	1.546E+006	1.746E+006
-23	1.294E+006	1.463E+006	1.649E+006
-22	1.227E+006	1.385E+006	1.558E+006
-21	1.164E+006	1.311E+006	1.473E+006
-20	1.105E+006	1.242E+006	1.393E+006
-19	1.049E+006	1.178E+006	1.319E+006
-18	9.968E+005	1.117E+006	1.248E+006
-17	9.471E+005	1.059E+006	1.182E+006
-16	9.002E+005	1.005E+006	1.120E+006
-15	8.558E+005	9.540E+005	1.061E+006
-14	8.138E+005	9.058E+005	1.006E+006
-13	7.742E+005	8.602E+005	9.534E+005
-12	7.366E+005	8.172E+005	9.042E+005
-11	7.011E+005	7.765E+005	8.579E+005
-10	6.675E+005	7.381E+005	8.141E+005
-9	6.356E+005	7.017E+005	7.728E+005
-8	6.054E+005	6.673E+005	7.337E+005
-7	5.768E+005	6.348E+005	6.969E+005
-6	5.498E+005	6.041E+005	6.622E+005
-5	5.242E+005	5.751E+005	6.294E+005
-4	4.999E+005	5.476E+005	5.984E+005
-3	4.769E+005	5.216E+005	5.691E+005
-2	4.551E+005	4.970E+005	5.415E+005
-1	4.344E+005	4.737E+005	5.153E+005
0	4.148E+005	4.517E+005	4.906E+005

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	4.148E+005	4.517E+005	4.906E+005
1	3.962E+005	4.308E+005	4.672E+005
2	3.785E+005	4.110E+005	4.451E+005
3	3.617E+005	3.922E+005	4.241E+005
4	3.458E+005	3.744E+005	4.043E+005
5	3.307E+005	3.575E+005	3.855E+005
6	3.163E+005	3.414E+005	3.676E+005
7	3.026E+005	3.262E+005	3.507E+005
8	2.896E+005	3.117E+005	3.347E+005
9	2.772E+005	2.980E+005	3.195E+005
10	2.654E+005	2.849E+005	3.051E+005
11	2.542E+005	2.725E+005	2.914E+005
12	2.435E+005	2.607E+005	2.784E+005
13	2.334E+005	2.495E+005	2.661E+005
14	2.237E+005	2.388E+005	2.543E+005
15	2.144E+005	2.287E+005	2.432E+005
16	2.056E+005	2.190E+005	2.326E+005
17	1.972E+005	2.098E+005	2.225E+005
18	1.892E+005	2.010E+005	2.129E+005
19	1.816E+005	1.926E+005	2.038E+005
20	1.743E+005	1.846E+005	1.951E+005
21	1.673E+005	1.770E+005	1.868E+005
22	1.607E+005	1.698E+005	1.790E+005
23	1.544E+005	1.629E+005	1.715E+005
24	1.483E+005	1.563E+005	1.643E+005
25	1.425E+005	1.500E+005	1.575E+005
26	1.366E+005	1.440E+005	1.514E+005
27	1.310E+005	1.383E+005	1.455E+005
28	1.257E+005	1.328E+005	1.399E+005
29	1.206E+005	1.276E+005	1.346E+005
30	1.157E+005	1.226E+005	1.295E+005
31	1.111E+005	1.178E+005	1.246E+005
32	1.067E+005	1.132E+005	1.199E+005
33	1.024E+005	1.089E+005	1.154E+005
34	9.840E+004	1.047E+005	1.111E+005
35	9.454E+004	1.007E+005	1.070E+005
36	9.086E+004	9.691E+004	1.031E+005
37	8.734E+004	9.326E+004	9.933E+004
38	8.397E+004	8.977E+004	9.572E+004
39	8.075E+004	8.642E+004	9.226E+004
40	7.767E+004	8.322E+004	8.895E+004

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T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	7.767E+004	8.322E+004	8.895E+004
41	7.473E+004	8.016E+004	8.577E+004
42	7.191E+004	7.723E+004	8.272E+004
43	6.922E+004	7.442E+004	7.980E+004
44	6.664E+004	7.172E+004	7.700E+004
45	6.417E+004	6.914E+004	7.431E+004
46	6.181E+004	6.667E+004	7.172E+004
47	5.954E+004	6.429E+004	6.924E+004
48	5.737E+004	6.201E+004	6.686E+004
49	5.529E+004	5.983E+004	6.458E+004
50	5.329E+004	5.773E+004	6.238E+004
51	5.138E+004	5.571E+004	6.026E+004
52	4.954E+004	5.377E+004	5.823E+004
53	4.778E+004	5.192E+004	5.627E+004
54	4.609E+004	5.013E+004	5.439E+004
55	4.446E+004	4.842E+004	5.259E+004
56	4.291E+004	4.677E+004	5.085E+004
57	4.141E+004	4.519E+004	4.918E+004
58	3.998E+004	4.367E+004	4.757E+004
59	3.860E+004	4.220E+004	4.603E+004
60	3.728E+004	4.080E+004	4.454E+004
61	3.601E+004	3.945E+004	4.311E+004
62	3.479E+004	3.815E+004	4.173E+004
63	3.362E+004	3.690E+004	4.040E+004
64	3.249E+004	3.570E+004	3.912E+004
65	3.141E+004	3.454E+004	3.789E+004
66	3.037E+004	3.343E+004	3.671E+004
67	2.937E+004	3.236E+004	3.556E+004
68	2.840E+004	3.133E+004	3.446E+004
69	2.748E+004	3.033E+004	3.340E+004
70	2.658E+004	2.938E+004	3.238E+004
71	2.573E+004	2.846E+004	3.139E+004
72	2.490E+004	2.757E+004	3.045E+004
73	2.411E+004	2.672E+004	2.953E+004
74	2.334E+004	2.589E+004	2.864E+004
75	2.261E+004	2.510E+004	2.779E+004
76	2.190E+004	2.433E+004	2.697E+004
77	2.121E+004	2.359E+004	2.617E+004
78	2.055E+004	2.288E+004	2.540E+004
79	1.991E+004	2.219E+004	2.466E+004
80	1.930E+004	2.152E+004	2.394E+004

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	1.930E+004	2.152E+004	2.394E+004
81	1.871E+004	2.088E+004	2.324E+004
82	1.813E+004	2.026E+004	2.257E+004
83	1.758E+004	1.966E+004	2.192E+004
84	1.705E+004	1.908E+004	2.129E+004
85	1.653E+004	1.852E+004	2.069E+004
86	1.604E+004	1.798E+004	2.010E+004
87	1.556E+004	1.745E+004	1.953E+004
88	1.510E+004	1.695E+004	1.898E+004
89	1.465E+004	1.646E+004	1.845E+004
90	1.422E+004	1.599E+004	1.794E+004
91	1.380E+004	1.553E+004	1.744E+004
92	1.340E+004	1.509E+004	1.696E+004
93	1.301E+004	1.467E+004	1.650E+004
94	1.263E+004	1.425E+004	1.605E+004
95	1.227E+004	1.385E+004	1.561E+004
96	1.192E+004	1.347E+004	1.519E+004
97	1.158E+004	1.310E+004	1.478E+004
98	1.125E+004	1.273E+004	1.438E+004
99	1.093E+004	1.238E+004	1.400E+004
100	1.062E+004	1.205E+004	1.363E+004
101	1.033E+004	1.172E+004	1.327E+004
102	1.004E+004	1.140E+004	1.292E+004
103	9.761E+003	1.109E+004	1.258E+004
104	9.492E+003	1.080E+004	1.225E+004
105	9.232E+003	1.051E+004	1.193E+004
106	8.979E+003	1.023E+004	1.163E+004
107	8.735E+003	9.960E+003	1.133E+004
108	8.499E+003	9.697E+003	1.104E+004
109	8.270E+003	9.443E+003	1.076E+004
110	8.048E+003	9.197E+003	1.048E+004
111	7.833E+003	8.958E+003	1.022E+004
112	7.625E+003	8.727E+003	9.963E+003
113	7.424E+003	8.502E+003	9.714E+003
114	7.228E+003	8.285E+003	9.472E+003
115	7.039E+003	8.073E+003	9.237E+003
116	6.855E+003	7.868E+003	9.009E+003
117	6.676E+003	7.669E+003	8.787E+003
118	6.503E+003	7.476E+003	8.572E+003
119	6.335E+003	7.288E+003	8.363E+003
120	6.173E+003	7.106E+003	8.159E+003
121	6.015E+003	6.929E+003	7.962E+003
122	5.861E+003	6.757E+003	7.770E+003
123	5.712E+003	6.590E+003	7.583E+003
124	5.568E+003	6.427E+003	7.401E+003
125	5.427E+003	6.270E+003	7.225E+003