

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN11-3V103J [T, B]

RESISTANCE (at25°C)	10000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3910 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	3.299E+005	3.875E+005	4.540E+005
-39	3.083E+005	3.614E+005	4.225E+005
-38	2.883E+005	3.372E+005	3.935E+005
-37	2.697E+005	3.148E+005	3.665E+005
-36	2.525E+005	2.940E+005	3.416E+005
-35	2.364E+005	2.748E+005	3.186E+005
-34	2.214E+005	2.569E+005	2.972E+005
-33	2.075E+005	2.402E+005	2.774E+005
-32	1.946E+005	2.248E+005	2.590E+005
-31	1.825E+005	2.104E+005	2.420E+005
-30	1.712E+005	1.970E+005	2.261E+005
-29	1.608E+005	1.846E+005	2.115E+005
-28	1.510E+005	1.730E+005	1.978E+005
-27	1.418E+005	1.622E+005	1.851E+005
-26	1.333E+005	1.522E+005	1.733E+005
-25	1.254E+005	1.428E+005	1.624E+005
-24	1.179E+005	1.341E+005	1.522E+005
-23	1.110E+005	1.260E+005	1.427E+005
-22	1.045E+005	1.184E+005	1.338E+005
-21	9.842E+004	1.113E+005	1.256E+005
-20	9.274E+004	1.047E+005	1.179E+005
-19	8.741E+004	9.850E+004	1.107E+005
-18	8.242E+004	9.271E+004	1.040E+005
-17	7.776E+004	8.730E+004	9.778E+004
-16	7.338E+004	8.225E+004	9.195E+004
-15	6.929E+004	7.752E+004	8.651E+004
-14	6.545E+004	7.310E+004	8.143E+004
-13	6.185E+004	6.896E+004	7.669E+004
-12	5.847E+004	6.508E+004	7.225E+004
-11	5.530E+004	6.144E+004	6.810E+004
-10	5.233E+004	5.804E+004	6.421E+004
-9	4.953E+004	5.485E+004	6.058E+004
-8	4.691E+004	5.185E+004	5.718E+004
-7	4.444E+004	4.904E+004	5.399E+004
-6	4.212E+004	4.640E+004	5.100E+004
-5	3.993E+004	4.392E+004	4.819E+004
-4	3.787E+004	4.159E+004	4.556E+004
-3	3.593E+004	3.939E+004	4.309E+004
-2	3.410E+004	3.733E+004	4.076E+004
-1	3.238E+004	3.539E+004	3.858E+004
0	3.075E+004	3.356E+004	3.653E+004

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	3.075E+004	3.356E+004	3.653E+004
1	2.922E+004	3.184E+004	3.460E+004
2	2.777E+004	3.021E+004	3.278E+004
3	2.641E+004	2.868E+004	3.108E+004
4	2.512E+004	2.724E+004	2.947E+004
5	2.390E+004	2.588E+004	2.795E+004
6	2.275E+004	2.460E+004	2.653E+004
7	2.166E+004	2.339E+004	2.518E+004
8	2.063E+004	2.224E+004	2.392E+004
9	1.966E+004	2.116E+004	2.272E+004
10	1.874E+004	2.014E+004	2.159E+004
11	1.787E+004	1.918E+004	2.053E+004
12	1.704E+004	1.827E+004	1.953E+004
13	1.626E+004	1.740E+004	1.858E+004
14	1.552E+004	1.659E+004	1.768E+004
15	1.482E+004	1.582E+004	1.683E+004
16	1.416E+004	1.508E+004	1.603E+004
17	1.352E+004	1.439E+004	1.528E+004
18	1.293E+004	1.374E+004	1.456E+004
19	1.236E+004	1.311E+004	1.388E+004
20	1.182E+004	1.252E+004	1.324E+004
21	1.131E+004	1.197E+004	1.263E+004
22	1.082E+004	1.144E+004	1.205E+004
23	1.036E+004	1.093E+004	1.151E+004
24	9.918E+003	1.045E+004	1.099E+004
25	9.500E+003	1.000E+004	1.050E+004
26	9.079E+003	9.569E+003	1.006E+004
27	8.679E+003	9.159E+003	9.642E+003
28	8.299E+003	8.770E+003	9.245E+003
29	7.938E+003	8.400E+003	8.866E+003
30	7.596E+003	8.047E+003	8.505E+003
31	7.270E+003	7.712E+003	8.161E+003
32	6.961E+003	7.393E+003	7.833E+003
33	6.666E+003	7.090E+003	7.521E+003
34	6.387E+003	6.801E+003	7.223E+003
35	6.120E+003	6.525E+003	6.939E+003
36	5.867E+003	6.263E+003	6.668E+003
37	5.625E+003	6.012E+003	6.410E+003
38	5.396E+003	5.774E+003	6.163E+003
39	5.177E+003	5.546E+003	5.927E+003
40	4.968E+003	5.329E+003	5.702E+003

