

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-2I500J [T, B]
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	50 Ω	R+TOLERANCE (%)	5.0	R-TOLERANCE (%)	5.0
B (T1°C/T2°C)	2400 K	B+TOLERANCE (K)	72	B-TOLERANCE (K)	72

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	3.923E+02	4.417E+02	4.961E+02
-39	3.766E+02	4.234E+02	4.749E+02
-38	3.615E+02	4.060E+02	4.548E+02
-37	3.472E+02	3.895E+02	4.357E+02
-36	3.336E+02	3.737E+02	4.175E+02
-35	3.207E+02	3.587E+02	4.003E+02
-34	3.083E+02	3.444E+02	3.839E+02
-33	2.965E+02	3.308E+02	3.682E+02
-32	2.852E+02	3.179E+02	3.534E+02
-31	2.745E+02	3.055E+02	3.392E+02
-30	2.642E+02	2.938E+02	3.258E+02
-29	2.545E+02	2.825E+02	3.130E+02
-28	2.451E+02	2.718E+02	3.007E+02
-27	2.362E+02	2.616E+02	2.891E+02
-26	2.276E+02	2.519E+02	2.780E+02
-25	2.195E+02	2.425E+02	2.674E+02
-24	2.116E+02	2.336E+02	2.572E+02
-23	2.041E+02	2.251E+02	2.475E+02
-22	1.970E+02	2.169E+02	2.383E+02
-21	1.901E+02	2.091E+02	2.295E+02
-20	1.835E+02	2.017E+02	2.210E+02
-19	1.772E+02	1.945E+02	2.129E+02
-18	1.712E+02	1.876E+02	2.052E+02
-17	1.653E+02	1.811E+02	1.978E+02
-16	1.598E+02	1.748E+02	1.907E+02
-15	1.544E+02	1.688E+02	1.840E+02
-14	1.493E+02	1.630E+02	1.775E+02
-13	1.444E+02	1.575E+02	1.713E+02
-12	1.397E+02	1.522E+02	1.653E+02
-11	1.352E+02	1.471E+02	1.596E+02
-10	1.308E+02	1.422E+02	1.542E+02
-9	1.266E+02	1.375E+02	1.489E+02
-8	1.226E+02	1.330E+02	1.439E+02
-7	1.188E+02	1.287E+02	1.391E+02
-6	1.150E+02	1.245E+02	1.345E+02
-5	1.115E+02	1.206E+02	1.300E+02
-4	1.080E+02	1.167E+02	1.258E+02
-3	1.047E+02	1.130E+02	1.217E+02
-2	1.015E+02	1.095E+02	1.178E+02
-1	9.848E+01	1.061E+02	1.140E+02
0	9.553E+01	1.028E+02	1.104E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	9.553E+01	1.028E+02	1.104E+02
1	9.268E+01	9.964E+01	1.069E+02
2	8.993E+01	9.660E+01	1.035E+02
3	8.729E+01	9.367E+01	1.003E+02
4	8.474E+01	9.085E+01	9.716E+01
5	8.229E+01	8.814E+01	9.416E+01
6	7.992E+01	8.552E+01	9.128E+01
7	7.764E+01	8.300E+01	8.851E+01
8	7.543E+01	8.057E+01	8.584E+01
9	7.330E+01	7.823E+01	8.327E+01
10	7.125E+01	7.597E+01	8.079E+01
11	6.927E+01	7.379E+01	7.840E+01
12	6.736E+01	7.169E+01	7.610E+01
13	6.551E+01	6.966E+01	7.388E+01
14	6.372E+01	6.769E+01	7.174E+01
15	6.199E+01	6.580E+01	6.967E+01
16	6.032E+01	6.397E+01	6.768E+01
17	5.870E+01	6.220E+01	6.575E+01
18	5.713E+01	6.049E+01	6.389E+01
19	5.562E+01	5.884E+01	6.209E+01
20	5.415E+01	5.724E+01	6.035E+01
21	5.274E+01	5.569E+01	5.867E+01
22	5.136E+01	5.420E+01	5.705E+01
23	5.003E+01	5.275E+01	5.548E+01
24	4.875E+01	5.135E+01	5.397E+01
25	4.750E+01	5.000E+01	5.250E+01
26	4.622E+01	4.869E+01	5.117E+01
27	4.498E+01	4.742E+01	4.987E+01
28	4.378E+01	4.619E+01	4.862E+01
29	4.262E+01	4.500E+01	4.740E+01
30	4.149E+01	4.385E+01	4.623E+01
31	4.040E+01	4.273E+01	4.508E+01
32	3.935E+01	4.165E+01	4.398E+01
33	3.833E+01	4.060E+01	4.290E+01
34	3.734E+01	3.958E+01	4.186E+01
35	3.638E+01	3.860E+01	4.085E+01
36	3.545E+01	3.764E+01	3.986E+01
37	3.455E+01	3.671E+01	3.891E+01
38	3.368E+01	3.581E+01	3.798E+01
39	3.283E+01	3.494E+01	3.709E+01
40	3.201E+01	3.409E+01	3.621E+01
41	3.122E+01	3.326E+01	3.536E+01
42	3.044E+01	3.246E+01	3.453E+01
43	2.969E+01	3.168E+01	3.373E+01
44	2.896E+01	3.093E+01	3.295E+01
45	2.825E+01	3.019E+01	3.219E+01
46	2.757E+01	2.948E+01	3.145E+01
47	2.690E+01	2.879E+01	3.073E+01
48	2.625E+01	2.811E+01	3.003E+01
49	2.562E+01	2.746E+01	2.936E+01
50	2.501E+01	2.682E+01	2.870E+01

