

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-4V105F [T, B]			T0 (°C)	T1 (°C)	T2 (°C)
				25	25	50
R at T0°C	1000000 Ω	R+TOLERANCE (%)	1.0	R-TOLERANCE (%)	1.0	
B (T1°C/T2°C)	4900 K	B+TOLERANCE (K)	49	B-TOLERANCE (K)	49	

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	7.120E+07	7.529E+07	7.961E+07
-39	6.591E+07	6.963E+07	7.356E+07
-38	6.103E+07	6.442E+07	6.800E+07
-37	5.653E+07	5.962E+07	6.288E+07
-36	5.239E+07	5.520E+07	5.816E+07
-35	4.856E+07	5.113E+07	5.382E+07
-34	4.503E+07	4.737E+07	4.982E+07
-33	4.177E+07	4.390E+07	4.613E+07
-32	3.876E+07	4.070E+07	4.274E+07
-31	3.598E+07	3.775E+07	3.960E+07
-30	3.341E+07	3.502E+07	3.671E+07
-29	3.103E+07	3.250E+07	3.404E+07
-28	2.883E+07	3.017E+07	3.158E+07
-27	2.680E+07	2.802E+07	2.930E+07
-26	2.492E+07	2.604E+07	2.720E+07
-25	2.318E+07	2.420E+07	2.526E+07
-24	2.157E+07	2.250E+07	2.347E+07
-23	2.008E+07	2.093E+07	2.181E+07
-22	1.869E+07	1.947E+07	2.028E+07
-21	1.741E+07	1.813E+07	1.886E+07
-20	1.623E+07	1.688E+07	1.755E+07
-19	1.513E+07	1.572E+07	1.634E+07
-18	1.411E+07	1.465E+07	1.521E+07
-17	1.316E+07	1.366E+07	1.417E+07
-16	1.228E+07	1.274E+07	1.321E+07
-15	1.147E+07	1.188E+07	1.231E+07
-14	1.071E+07	1.109E+07	1.148E+07
-13	1.001E+07	1.035E+07	1.071E+07
-12	9.352E+06	9.669E+06	9.996E+06
-11	8.745E+06	9.035E+06	9.333E+06
-10	8.179E+06	8.444E+06	8.717E+06
-9	7.653E+06	7.896E+06	8.145E+06
-8	7.163E+06	7.385E+06	7.613E+06
-7	6.708E+06	6.911E+06	7.119E+06
-6	6.283E+06	6.469E+06	6.659E+06
-5	5.888E+06	6.058E+06	6.232E+06
-4	5.519E+06	5.675E+06	5.834E+06
-3	5.176E+06	5.318E+06	5.463E+06
-2	4.856E+06	4.986E+06	5.118E+06
-1	4.557E+06	4.676E+06	4.797E+06
0	4.278E+06	4.387E+06	4.498E+06

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	4.278E+06	4.387E+06	4.498E+06
1	4.017E+06	4.117E+06	4.218E+06
2	3.774E+06	3.865E+06	3.958E+06
3	3.547E+06	3.630E+06	3.715E+06
4	3.335E+06	3.411E+06	3.488E+06
5	3.137E+06	3.206E+06	3.276E+06
6	2.951E+06	3.014E+06	3.079E+06
7	2.777E+06	2.835E+06	2.894E+06
8	2.615E+06	2.668E+06	2.721E+06
9	2.463E+06	2.511E+06	2.560E+06
10	2.321E+06	2.364E+06	2.409E+06
11	2.187E+06	2.227E+06	2.268E+06
12	2.062E+06	2.099E+06	2.136E+06
13	1.945E+06	1.978E+06	2.012E+06
14	1.835E+06	1.865E+06	1.896E+06
15	1.732E+06	1.760E+06	1.787E+06
16	1.635E+06	1.660E+06	1.685E+06
17	1.545E+06	1.567E+06	1.590E+06
18	1.459E+06	1.480E+06	1.501E+06
19	1.379E+06	1.398E+06	1.417E+06
20	1.304E+06	1.321E+06	1.338E+06
21	1.233E+06	1.248E+06	1.264E+06
22	1.167E+06	1.181E+06	1.194E+06
23	1.104E+06	1.117E+06	1.129E+06
24	1.045E+06	1.057E+06	1.068E+06
25	9.900E+05	1.000E+06	1.010E+06
26	9.368E+05	9.468E+05	9.568E+05
27	8.868E+05	8.968E+05	9.067E+05
28	8.398E+05	8.496E+05	8.595E+05
29	7.955E+05	8.052E+05	8.151E+05
30	7.537E+05	7.634E+05	7.731E+05
31	7.144E+05	7.240E+05	7.336E+05
32	6.774E+05	6.868E+05	6.963E+05
33	6.425E+05	6.518E+05	6.611E+05
34	6.096E+05	6.187E+05	6.279E+05
35	5.786E+05	5.875E+05	5.966E+05
36	5.493E+05	5.581E+05	5.670E+05
37	5.216E+05	5.303E+05	5.390E+05
38	4.955E+05	5.040E+05	5.125E+05
39	4.709E+05	4.792E+05	4.875E+05
40	4.476E+05	4.557E+05	4.639E+05
41	4.256E+05	4.335E+05	4.416E+05
42	4.048E+05	4.126E+05	4.204E+05
43	3.852E+05	3.927E+05	4.004E+05
44	3.666E+05	3.739E+05	3.814E+05
45	3.490E+05	3.562E+05	3.635E+05
46	3.323E+05	3.393E+05	3.465E+05
47	3.166E+05	3.234E+05	3.303E+05
48	3.016E+05	3.083E+05	3.151E+05
49	2.875E+05	2.940E+05	3.006E+05
50	2.741E+05	2.804E+05	2.869E+05

