

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH05-4K474F [R, B]			T0 (°C)	T1 (°C)	T2 (°C)
				25	25	50
R at T0°C	470000 Ω	R+TOLERANCE (%)	1.0	R-TOLERANCE (%)	1.0	
B (T1°C/T2°C)	4500 K	B+TOLERANCE (K)	45	B-TOLERANCE (K)	45	

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	2.410E+07	2.539E+07	2.675E+07
-39	2.246E+07	2.365E+07	2.489E+07
-38	2.094E+07	2.203E+07	2.317E+07
-37	1.953E+07	2.052E+07	2.157E+07
-36	1.821E+07	1.912E+07	2.008E+07
-35	1.699E+07	1.782E+07	1.870E+07
-34	1.585E+07	1.661E+07	1.742E+07
-33	1.479E+07	1.549E+07	1.623E+07
-32	1.380E+07	1.445E+07	1.512E+07
-31	1.288E+07	1.348E+07	1.409E+07
-30	1.203E+07	1.257E+07	1.314E+07
-29	1.123E+07	1.173E+07	1.225E+07
-28	1.049E+07	1.095E+07	1.142E+07
-27	9.799E+06	1.022E+07	1.066E+07
-26	9.158E+06	9.543E+06	9.943E+06
-25	8.561E+06	8.915E+06	9.282E+06
-24	8.006E+06	8.331E+06	8.668E+06
-23	7.490E+06	7.788E+06	8.097E+06
-22	7.009E+06	7.283E+06	7.566E+06
-21	6.561E+06	6.813E+06	7.073E+06
-20	6.145E+06	6.375E+06	6.614E+06
-19	5.755E+06	5.967E+06	6.186E+06
-18	5.392E+06	5.587E+06	5.789E+06
-17	5.055E+06	5.234E+06	5.418E+06
-16	4.740E+06	4.904E+06	5.074E+06
-15	4.446E+06	4.598E+06	4.753E+06
-14	4.173E+06	4.312E+06	4.455E+06
-13	3.917E+06	4.045E+06	4.177E+06
-12	3.679E+06	3.797E+06	3.917E+06
-11	3.457E+06	3.565E+06	3.676E+06
-10	3.249E+06	3.348E+06	3.450E+06
-9	3.054E+06	3.146E+06	3.239E+06
-8	2.873E+06	2.957E+06	3.043E+06
-7	2.703E+06	2.780E+06	2.859E+06
-6	2.544E+06	2.615E+06	2.688E+06
-5	2.396E+06	2.461E+06	2.528E+06
-4	2.257E+06	2.317E+06	2.378E+06
-3	2.127E+06	2.182E+06	2.239E+06
-2	2.005E+06	2.056E+06	2.108E+06
-1	1.891E+06	1.937E+06	1.985E+06
0	1.784E+06	1.827E+06	1.871E+06

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	1.784E+06	1.827E+06	1.871E+06
1	1.683E+06	1.723E+06	1.763E+06
2	1.589E+06	1.626E+06	1.663E+06
3	1.501E+06	1.534E+06	1.568E+06
4	1.418E+06	1.449E+06	1.480E+06
5	1.340E+06	1.368E+06	1.397E+06
6	1.267E+06	1.293E+06	1.319E+06
7	1.198E+06	1.222E+06	1.246E+06
8	1.134E+06	1.156E+06	1.178E+06
9	1.073E+06	1.093E+06	1.114E+06
10	1.016E+06	1.034E+06	1.053E+06
11	9.622E+05	9.792E+05	9.963E+05
12	9.116E+05	9.272E+05	9.429E+05
13	8.640E+05	8.782E+05	8.926E+05
14	8.191E+05	8.322E+05	8.454E+05
15	7.768E+05	7.888E+05	8.008E+05
16	7.369E+05	7.479E+05	7.589E+05
17	6.994E+05	7.094E+05	7.194E+05
18	6.639E+05	6.730E+05	6.822E+05
19	6.304E+05	6.388E+05	6.472E+05
20	5.989E+05	6.065E+05	6.141E+05
21	5.690E+05	5.760E+05	5.829E+05
22	5.409E+05	5.472E+05	5.535E+05
23	5.142E+05	5.200E+05	5.257E+05
24	4.891E+05	4.943E+05	4.995E+05
25	4.653E+05	4.700E+05	4.747E+05
26	4.424E+05	4.471E+05	4.517E+05
27	4.207E+05	4.253E+05	4.300E+05
28	4.002E+05	4.048E+05	4.095E+05
29	3.808E+05	3.854E+05	3.900E+05
30	3.624E+05	3.670E+05	3.716E+05
31	3.451E+05	3.496E+05	3.542E+05
32	3.286E+05	3.331E+05	3.376E+05
33	3.131E+05	3.175E+05	3.219E+05
34	2.983E+05	3.027E+05	3.071E+05
35	2.844E+05	2.887E+05	2.930E+05
36	2.711E+05	2.754E+05	2.796E+05
37	2.586E+05	2.627E+05	2.669E+05
38	2.467E+05	2.508E+05	2.549E+05
39	2.354E+05	2.394E+05	2.434E+05
40	2.247E+05	2.286E+05	2.326E+05
41	2.145E+05	2.184E+05	2.223E+05
42	2.049E+05	2.086E+05	2.124E+05
43	1.957E+05	1.994E+05	2.031E+05
44	1.870E+05	1.906E+05	1.943E+05
45	1.787E+05	1.823E+05	1.858E+05
46	1.709E+05	1.743E+05	1.778E+05
47	1.634E+05	1.668E+05	1.702E+05
48	1.563E+05	1.596E+05	1.629E+05
49	1.495E+05	1.527E+05	1.560E+05
50	1.431E+05	1.462E+05	1.494E+05

