

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC10-4C472J[T,B]
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RESISTANCE(at25°C)	4700 Ω	R-TOLERANCE(\pm)	5 %
B-VALUE(25/50°C)	4100 K	B-TOLERANCE(\pm)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.928E+05	2.277E+05	2.682E+05
-39	1.793E+05	2.113E+05	2.484E+05
-38	1.669E+05	1.962E+05	2.301E+05
-37	1.554E+05	1.823E+05	2.133E+05
-36	1.447E+05	1.694E+05	1.978E+05
-35	1.349E+05	1.575E+05	1.835E+05
-34	1.258E+05	1.466E+05	1.704E+05
-33	1.173E+05	1.364E+05	1.582E+05
-32	1.095E+05	1.270E+05	1.471E+05
-31	1.022E+05	1.184E+05	1.367E+05
-30	9.549E+04	1.103E+05	1.272E+05
-29	8.922E+04	1.029E+05	1.184E+05
-28	8.341E+04	9.599E+04	1.102E+05
-27	7.802E+04	8.960E+04	1.027E+05
-26	7.302E+04	8.369E+04	9.568E+04
-25	6.837E+04	7.820E+04	8.923E+04
-24	6.405E+04	7.312E+04	8.326E+04
-23	6.004E+04	6.840E+04	7.774E+04
-22	5.630E+04	6.402E+04	7.262E+04
-21	5.283E+04	5.995E+04	6.787E+04
-20	4.959E+04	5.617E+04	6.347E+04
-19	4.657E+04	5.266E+04	5.938E+04
-18	4.376E+04	4.938E+04	5.559E+04
-17	4.114E+04	4.634E+04	5.206E+04
-16	3.870E+04	4.350E+04	4.878E+04
-15	3.641E+04	4.086E+04	4.574E+04
-14	3.428E+04	3.840E+04	4.290E+04
-13	3.229E+04	3.610E+04	4.026E+04
-12	3.042E+04	3.395E+04	3.780E+04
-11	2.868E+04	3.195E+04	3.550E+04
-10	2.705E+04	3.008E+04	3.336E+04
-9	2.552E+04	2.833E+04	3.137E+04
-8	2.409E+04	2.670E+04	2.951E+04
-7	2.275E+04	2.517E+04	2.777E+04
-6	2.150E+04	2.374E+04	2.614E+04
-5	2.032E+04	2.240E+04	2.463E+04
-4	1.921E+04	2.114E+04	2.320E+04
-3	1.817E+04	1.996E+04	2.187E+04
-2	1.719E+04	1.886E+04	2.063E+04
-1	1.628E+04	1.782E+04	1.946E+04
0	1.541E+04	1.685E+04	1.837E+04

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.541E+04	1.685E+04	1.837E+04
1	1.460E+04	1.594E+04	1.735E+04
2	1.384E+04	1.508E+04	1.639E+04
3	1.312E+04	1.427E+04	1.549E+04
4	1.244E+04	1.352E+04	1.464E+04
5	1.181E+04	1.280E+04	1.385E+04
6	1.121E+04	1.213E+04	1.310E+04
7	1.064E+04	1.150E+04	1.240E+04
8	1.011E+04	1.091E+04	1.175E+04
9	9.608E+03	1.035E+04	1.113E+04
10	9.134E+03	9.827E+03	1.055E+04
11	8.686E+03	9.331E+03	9.998E+03
12	8.263E+03	8.863E+03	9.483E+03
13	7.864E+03	8.422E+03	8.997E+03
14	7.487E+03	8.006E+03	8.540E+03
15	7.130E+03	7.614E+03	8.110E+03
16	6.793E+03	7.243E+03	7.704E+03
17	6.475E+03	6.893E+03	7.321E+03
18	6.173E+03	6.563E+03	6.960E+03
19	5.888E+03	6.251E+03	6.619E+03
20	5.618E+03	5.955E+03	6.297E+03
21	5.362E+03	5.676E+03	5.993E+03
22	5.120E+03	5.412E+03	5.706E+03
23	4.890E+03	5.161E+03	5.435E+03
24	4.672E+03	4.924E+03	5.178E+03
25	4.465E+03	4.700E+03	4.935E+03
26	4.257E+03	4.487E+03	4.718E+03
27	4.060E+03	4.286E+03	4.512E+03
28	3.874E+03	4.094E+03	4.317E+03
29	3.697E+03	3.913E+03	4.131E+03
30	3.530E+03	3.741E+03	3.954E+03
31	3.371E+03	3.577E+03	3.787E+03
32	3.220E+03	3.422E+03	3.627E+03
33	3.077E+03	3.275E+03	3.476E+03
34	2.942E+03	3.134E+03	3.331E+03
35	2.813E+03	3.001E+03	3.194E+03
36	2.691E+03	2.875E+03	3.063E+03
37	2.575E+03	2.754E+03	2.939E+03
38	2.465E+03	2.640E+03	2.820E+03
39	2.360E+03	2.531E+03	2.707E+03
40	2.260E+03	2.427E+03	2.599E+03

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RESISTANCE(at25°C)	4700 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50°C)	4100 K	B-TOLERANCE(±)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.260E+03	2.427E+03	2.599E+03
41	2.166E+03	2.328E+03	2.496E+03
42	2.075E+03	2.234E+03	2.398E+03
43	1.990E+03	2.144E+03	2.305E+03
44	1.908E+03	2.058E+03	2.215E+03
45	1.830E+03	1.977E+03	2.130E+03
46	1.756E+03	1.899E+03	2.049E+03
47	1.685E+03	1.825E+03	1.971E+03
48	1.618E+03	1.754E+03	1.897E+03
49	1.554E+03	1.687E+03	1.826E+03
50	1.493E+03	1.622E+03	1.758E+03
51	1.434E+03	1.561E+03	1.694E+03
52	1.379E+03	1.502E+03	1.632E+03
53	1.326E+03	1.446E+03	1.573E+03
54	1.275E+03	1.392E+03	1.516E+03
55	1.226E+03	1.341E+03	1.462E+03
56	1.180E+03	1.291E+03	1.410E+03
57	1.136E+03	1.244E+03	1.360E+03
58	1.094E+03	1.199E+03	1.312E+03
59	1.053E+03	1.156E+03	1.266E+03
60	1.014E+03	1.115E+03	1.223E+03
61	9.773E+02	1.075E+03	1.181E+03
62	9.418E+02	1.038E+03	1.140E+03
63	9.079E+02	1.001E+03	1.102E+03
64	8.753E+02	9.664E+02	1.064E+03
65	8.442E+02	9.331E+02	1.029E+03
66	8.143E+02	9.010E+02	9.945E+02
67	7.857E+02	8.703E+02	9.616E+02
68	7.583E+02	8.408E+02	9.300E+02
69	7.320E+02	8.125E+02	8.996E+02
70	7.067E+02	7.853E+02	8.704E+02
71	6.825E+02	7.591E+02	8.423E+02
72	6.592E+02	7.340E+02	8.152E+02
73	6.369E+02	7.099E+02	7.892E+02
74	6.154E+02	6.867E+02	7.642E+02
75	5.949E+02	6.644E+02	7.402E+02
76	5.751E+02	6.430E+02	7.170E+02
77	5.561E+02	6.224E+02	6.948E+02
78	5.379E+02	6.026E+02	6.733E+02
79	5.204E+02	5.835E+02	6.527E+02
80	5.035E+02	5.652E+02	6.328E+02

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	5.035E+02	5.652E+02	6.328E+02
81	4.874E+02	5.476E+02	6.137E+02
82	4.718E+02	5.307E+02	5.953E+02
83	4.569E+02	5.143E+02	5.776E+02
84	4.425E+02	4.986E+02	5.605E+02
85	4.286E+02	4.835E+02	5.440E+02
86	4.153E+02	4.689E+02	5.280E+02
87	4.024E+02	4.548E+02	5.127E+02
88	3.900E+02	4.412E+02	4.978E+02
89	3.781E+02	4.281E+02	4.835E+02
90	3.666E+02	4.155E+02	4.697E+02
91	3.554E+02	4.032E+02	4.562E+02
92	3.447E+02	3.913E+02	4.432E+02
93	3.343E+02	3.799E+02	4.307E+02
94	3.243E+02	3.689E+02	4.186E+02
95	3.147E+02	3.583E+02	4.069E+02
96	3.055E+02	3.481E+02	3.957E+02
97	2.965E+02	3.382E+02	3.848E+02
98	2.879E+02	3.287E+02	3.743E+02
99	2.796E+02	3.195E+02	3.642E+02
100	2.716E+02	3.106E+02	3.544E+02
101	2.639E+02	3.021E+02	3.450E+02
102	2.565E+02	2.939E+02	3.359E+02
103	2.494E+02	2.859E+02	3.271E+02
104	2.425E+02	2.782E+02	3.185E+02
105	2.358E+02	2.708E+02	3.103E+02
106	2.293E+02	2.636E+02	3.023E+02
107	2.230E+02	2.566E+02	2.945E+02
108	2.170E+02	2.498E+02	2.870E+02
109	2.111E+02	2.433E+02	2.797E+02
110	2.054E+02	2.370E+02	2.726E+02
111	1.999E+02	2.308E+02	2.658E+02
112	1.946E+02	2.248E+02	2.591E+02
113	1.894E+02	2.190E+02	2.527E+02
114	1.844E+02	2.134E+02	2.464E+02
115	1.796E+02	2.080E+02	2.403E+02
116	1.749E+02	2.027E+02	2.344E+02
117	1.704E+02	1.977E+02	2.287E+02
118	1.660E+02	1.927E+02	2.232E+02
119	1.617E+02	1.879E+02	2.178E+02
120	1.576E+02	1.833E+02	2.126E+02
121	1.536E+02	1.788E+02	2.076E+02
122	1.498E+02	1.744E+02	2.027E+02
123	1.460E+02	1.702E+02	1.979E+02
124	1.424E+02	1.661E+02	1.933E+02
125	1.389E+02	1.621E+02	1.888E+02