

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC20-3J153J[T,B]
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RESISTANCE(at25°C)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50°C)	3450 K	B-TOLERANCE(±)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.952E+05	3.424E+05	3.960E+05
-39	2.786E+05	3.224E+05	3.722E+05
-38	2.630E+05	3.038E+05	3.500E+05
-37	2.483E+05	2.863E+05	3.294E+05
-36	2.346E+05	2.700E+05	3.100E+05
-35	2.218E+05	2.548E+05	2.920E+05
-34	2.097E+05	2.405E+05	2.751E+05
-33	1.984E+05	2.271E+05	2.593E+05
-32	1.878E+05	2.146E+05	2.446E+05
-31	1.778E+05	2.028E+05	2.308E+05
-30	1.684E+05	1.918E+05	2.178E+05
-29	1.597E+05	1.815E+05	2.057E+05
-28	1.514E+05	1.718E+05	1.944E+05
-27	1.436E+05	1.626E+05	1.838E+05
-26	1.362E+05	1.540E+05	1.738E+05
-25	1.293E+05	1.460E+05	1.644E+05
-24	1.228E+05	1.384E+05	1.556E+05
-23	1.166E+05	1.312E+05	1.473E+05
-22	1.108E+05	1.245E+05	1.395E+05
-21	1.053E+05	1.181E+05	1.321E+05
-20	1.001E+05	1.121E+05	1.252E+05
-19	9.525E+04	1.065E+05	1.187E+05
-18	9.063E+04	1.011E+05	1.126E+05
-17	8.626E+04	9.612E+04	1.068E+05
-16	8.213E+04	9.137E+04	1.014E+05
-15	7.822E+04	8.689E+04	9.628E+04
-14	7.453E+04	8.266E+04	9.145E+04
-13	7.103E+04	7.866E+04	8.689E+04
-12	6.773E+04	7.488E+04	8.259E+04
-11	6.459E+04	7.131E+04	7.853E+04
-10	6.163E+04	6.793E+04	7.470E+04
-9	5.882E+04	6.474E+04	7.108E+04
-8	5.615E+04	6.172E+04	6.767E+04
-7	5.363E+04	5.886E+04	6.443E+04
-6	5.123E+04	5.614E+04	6.137E+04
-5	4.895E+04	5.357E+04	5.848E+04
-4	4.679E+04	5.113E+04	5.574E+04
-3	4.474E+04	4.882E+04	5.314E+04
-2	4.279E+04	4.663E+04	5.068E+04
-1	4.094E+04	4.455E+04	4.835E+04
0	3.918E+04	4.257E+04	4.614E+04

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.918E+04	4.257E+04	4.614E+04
1	3.750E+04	4.069E+04	4.404E+04
2	3.591E+04	3.891E+04	4.206E+04
3	3.439E+04	3.721E+04	4.017E+04
4	3.295E+04	3.560E+04	3.838E+04
5	3.157E+04	3.407E+04	3.668E+04
6	3.027E+04	3.262E+04	3.507E+04
7	2.902E+04	3.124E+04	3.354E+04
8	2.784E+04	2.992E+04	3.208E+04
9	2.671E+04	2.867E+04	3.070E+04
10	2.563E+04	2.748E+04	2.939E+04
11	2.460E+04	2.634E+04	2.814E+04
12	2.362E+04	2.526E+04	2.695E+04
13	2.269E+04	2.423E+04	2.582E+04
14	2.180E+04	2.325E+04	2.474E+04
15	2.095E+04	2.232E+04	2.371E+04
16	2.013E+04	2.142E+04	2.274E+04
17	1.936E+04	2.057E+04	2.181E+04
18	1.861E+04	1.976E+04	2.092E+04
19	1.790E+04	1.898E+04	2.007E+04
20	1.723E+04	1.824E+04	1.927E+04
21	1.658E+04	1.753E+04	1.850E+04
22	1.596E+04	1.686E+04	1.776E+04
23	1.536E+04	1.621E+04	1.706E+04
24	1.479E+04	1.559E+04	1.639E+04
25	1.425E+04	1.500E+04	1.575E+04
26	1.370E+04	1.443E+04	1.517E+04
27	1.317E+04	1.389E+04	1.462E+04
28	1.266E+04	1.338E+04	1.409E+04
29	1.218E+04	1.288E+04	1.359E+04
30	1.172E+04	1.241E+04	1.310E+04
31	1.128E+04	1.195E+04	1.264E+04
32	1.086E+04	1.152E+04	1.219E+04
33	1.045E+04	1.110E+04	1.176E+04
34	1.007E+04	1.070E+04	1.135E+04
35	9.695E+03	1.032E+04	1.096E+04
36	9.341E+03	9.955E+03	1.058E+04
37	9.001E+03	9.603E+03	1.022E+04
38	8.675E+03	9.265E+03	9.871E+03
39	8.363E+03	8.942E+03	9.536E+03
40	8.064E+03	8.631E+03	9.215E+03

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RESISTANCE(at25°C)	15000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50°C)	3450 K	B-TOLERANCE(±)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	8.064E+03	8.631E+03	9.215E+03
41	7.778E+03	8.333E+03	8.906E+03
42	7.503E+03	8.047E+03	8.610E+03
43	7.240E+03	7.773E+03	8.324E+03
44	6.987E+03	7.509E+03	8.050E+03
45	6.744E+03	7.256E+03	7.786E+03
46	6.511E+03	7.012E+03	7.533E+03
47	6.287E+03	6.778E+03	7.289E+03
48	6.072E+03	6.553E+03	7.054E+03
49	5.866E+03	6.336E+03	6.827E+03
50	5.667E+03	6.128E+03	6.609E+03
51	5.476E+03	5.927E+03	6.399E+03
52	5.292E+03	5.734E+03	6.197E+03
53	5.116E+03	5.548E+03	6.002E+03
54	4.946E+03	5.369E+03	5.814E+03
55	4.783E+03	5.197E+03	5.633E+03
56	4.626E+03	5.031E+03	5.458E+03
57	4.475E+03	4.872E+03	5.290E+03
58	4.330E+03	4.718E+03	5.128E+03
59	4.190E+03	4.570E+03	4.972E+03
60	4.055E+03	4.427E+03	4.821E+03
61	3.926E+03	4.290E+03	4.676E+03
62	3.802E+03	4.158E+03	4.537E+03
63	3.682E+03	4.031E+03	4.402E+03
64	3.566E+03	3.908E+03	4.271E+03
65	3.455E+03	3.789E+03	4.146E+03
66	3.348E+03	3.675E+03	4.024E+03
67	3.244E+03	3.565E+03	3.907E+03
68	3.144E+03	3.458E+03	3.793E+03
69	3.048E+03	3.355E+03	3.684E+03
70	2.956E+03	3.256E+03	3.578E+03
71	2.866E+03	3.160E+03	3.476E+03
72	2.780E+03	3.068E+03	3.377E+03
73	2.697E+03	2.979E+03	3.282E+03
74	2.616E+03	2.892E+03	3.189E+03
75	2.539E+03	2.809E+03	3.100E+03
76	2.463E+03	2.728E+03	3.013E+03
77	2.391E+03	2.650E+03	2.930E+03
78	2.321E+03	2.574E+03	2.849E+03
79	2.253E+03	2.501E+03	2.770E+03
80	2.188E+03	2.431E+03	2.694E+03

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.188E+03	2.431E+03	2.694E+03
81	2.124E+03	2.362E+03	2.620E+03
82	2.063E+03	2.296E+03	2.549E+03
83	2.004E+03	2.232E+03	2.480E+03
84	1.946E+03	2.170E+03	2.413E+03
85	1.891E+03	2.110E+03	2.348E+03
86	1.837E+03	2.051E+03	2.285E+03
87	1.785E+03	1.995E+03	2.224E+03
88	1.735E+03	1.940E+03	2.164E+03
89	1.686E+03	1.887E+03	2.107E+03
90	1.639E+03	1.836E+03	2.051E+03
91	1.594E+03	1.787E+03	1.998E+03
92	1.550E+03	1.739E+03	1.946E+03
93	1.507E+03	1.692E+03	1.895E+03
94	1.466E+03	1.647E+03	1.846E+03
95	1.425E+03	1.603E+03	1.798E+03
96	1.386E+03	1.560E+03	1.751E+03
97	1.348E+03	1.518E+03	1.706E+03
98	1.311E+03	1.478E+03	1.661E+03
99	1.275E+03	1.438E+03	1.618E+03
100	1.240E+03	1.400E+03	1.576E+03
101	1.206E+03	1.362E+03	1.534E+03
102	1.172E+03	1.325E+03	1.494E+03
103	1.140E+03	1.289E+03	1.455E+03
104	1.108E+03	1.254E+03	1.416E+03
105	1.078E+03	1.221E+03	1.379E+03
106	1.048E+03	1.188E+03	1.344E+03
107	1.019E+03	1.157E+03	1.309E+03
108	9.917E+02	1.126E+03	1.275E+03
109	9.648E+02	1.096E+03	1.242E+03
110	9.388E+02	1.067E+03	1.210E+03
111	9.134E+02	1.039E+03	1.179E+03
112	8.889E+02	1.012E+03	1.149E+03
113	8.652E+02	9.857E+02	1.120E+03
114	8.422E+02	9.601E+02	1.092E+03
115	8.198E+02	9.353E+02	1.064E+03
116	7.982E+02	9.113E+02	1.038E+03
117	7.773E+02	8.880E+02	1.012E+03
118	7.570E+02	8.654E+02	9.868E+02
119	7.373E+02	8.434E+02	9.625E+02
120	7.182E+02	8.222E+02	9.388E+02
121	6.997E+02	8.015E+02	9.158E+02
122	6.818E+02	7.815E+02	8.935E+02
123	6.644E+02	7.620E+02	8.719E+02
124	6.475E+02	7.432E+02	8.509E+02
125	6.311E+02	7.249E+02	8.305E+02