

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN20-2G400J[T,B]

RESISTANCE(at25°C)	40 Ω	R-TOLERANCE(\pm)	5 %
B-VALUE(25/50°C)	2300 K	B-TOLERANCE(\pm)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.907E+02	3.264E+02	3.656E+02
-39	2.796E+02	3.136E+02	3.508E+02
-38	2.691E+02	3.014E+02	3.367E+02
-37	2.590E+02	2.897E+02	3.232E+02
-36	2.494E+02	2.786E+02	3.104E+02
-35	2.401E+02	2.680E+02	2.982E+02
-34	2.313E+02	2.578E+02	2.866E+02
-33	2.229E+02	2.481E+02	2.755E+02
-32	2.148E+02	2.388E+02	2.649E+02
-31	2.071E+02	2.300E+02	2.548E+02
-30	1.997E+02	2.215E+02	2.451E+02
-29	1.926E+02	2.134E+02	2.359E+02
-28	1.859E+02	2.057E+02	2.270E+02
-27	1.794E+02	1.983E+02	2.186E+02
-26	1.731E+02	1.912E+02	2.105E+02
-25	1.672E+02	1.844E+02	2.028E+02
-24	1.614E+02	1.778E+02	1.954E+02
-23	1.559E+02	1.716E+02	1.884E+02
-22	1.507E+02	1.656E+02	1.816E+02
-21	1.456E+02	1.599E+02	1.751E+02
-20	1.407E+02	1.544E+02	1.689E+02
-19	1.361E+02	1.491E+02	1.629E+02
-18	1.316E+02	1.440E+02	1.572E+02
-17	1.273E+02	1.391E+02	1.518E+02
-16	1.231E+02	1.345E+02	1.465E+02
-15	1.191E+02	1.300E+02	1.415E+02
-14	1.153E+02	1.257E+02	1.367E+02
-13	1.116E+02	1.216E+02	1.320E+02
-12	1.081E+02	1.176E+02	1.276E+02
-11	1.047E+02	1.138E+02	1.233E+02
-10	1.014E+02	1.101E+02	1.192E+02
-9	9.828E+01	1.066E+02	1.153E+02
-8	9.525E+01	1.032E+02	1.115E+02
-7	9.233E+01	9.994E+01	1.079E+02
-6	8.953E+01	9.680E+01	1.044E+02
-5	8.682E+01	9.379E+01	1.011E+02
-4	8.422E+01	9.089E+01	9.784E+01
-3	8.171E+01	8.810E+01	9.475E+01
-2	7.930E+01	8.542E+01	9.178E+01
-1	7.697E+01	8.283E+01	8.892E+01
0	7.473E+01	8.034E+01	8.617E+01

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	7.473E+01	8.034E+01	8.617E+01
1	7.256E+01	7.795E+01	8.352E+01
2	7.048E+01	7.563E+01	8.097E+01
3	6.846E+01	7.341E+01	7.851E+01
4	6.652E+01	7.126E+01	7.615E+01
5	6.465E+01	6.920E+01	7.388E+01
6	6.285E+01	6.720E+01	7.168E+01
7	6.110E+01	6.528E+01	6.957E+01
8	5.942E+01	6.343E+01	6.754E+01
9	5.780E+01	6.164E+01	6.558E+01
10	5.623E+01	5.991E+01	6.369E+01
11	5.471E+01	5.825E+01	6.186E+01
12	5.324E+01	5.664E+01	6.010E+01
13	5.182E+01	5.508E+01	5.840E+01
14	5.045E+01	5.358E+01	5.676E+01
15	4.913E+01	5.213E+01	5.518E+01
16	4.785E+01	5.073E+01	5.365E+01
17	4.661E+01	4.937E+01	5.218E+01
18	4.541E+01	4.806E+01	5.075E+01
19	4.425E+01	4.680E+01	4.937E+01
20	4.312E+01	4.557E+01	4.804E+01
21	4.203E+01	4.438E+01	4.675E+01
22	4.098E+01	4.324E+01	4.550E+01
23	3.995E+01	4.212E+01	4.430E+01
24	3.896E+01	4.104E+01	4.313E+01
25	3.800E+01	4.000E+01	4.200E+01
26	3.701E+01	3.899E+01	4.097E+01
27	3.605E+01	3.801E+01	3.997E+01
28	3.512E+01	3.706E+01	3.900E+01
29	3.422E+01	3.613E+01	3.806E+01
30	3.335E+01	3.524E+01	3.714E+01
31	3.251E+01	3.438E+01	3.626E+01
32	3.169E+01	3.354E+01	3.540E+01
33	3.090E+01	3.272E+01	3.457E+01
34	3.013E+01	3.193E+01	3.376E+01
35	2.939E+01	3.117E+01	3.297E+01
36	2.867E+01	3.043E+01	3.221E+01
37	2.797E+01	2.971E+01	3.147E+01
38	2.729E+01	2.901E+01	3.075E+01
39	2.663E+01	2.833E+01	3.006E+01
40	2.600E+01	2.767E+01	2.938E+01

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T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.600E+01	2.767E+01	2.938E+01
41	2.538E+01	2.703E+01	2.872E+01
42	2.477E+01	2.641E+01	2.807E+01
43	2.419E+01	2.580E+01	2.745E+01
44	2.362E+01	2.521E+01	2.684E+01
45	2.307E+01	2.464E+01	2.625E+01
46	2.254E+01	2.409E+01	2.568E+01
47	2.202E+01	2.355E+01	2.512E+01
48	2.152E+01	2.303E+01	2.458E+01
49	2.103E+01	2.252E+01	2.405E+01
50	2.055E+01	2.202E+01	2.354E+01
51	2.009E+01	2.154E+01	2.304E+01
52	1.964E+01	2.108E+01	2.256E+01
53	1.920E+01	2.062E+01	2.209E+01
54	1.878E+01	2.018E+01	2.163E+01
55	1.837E+01	1.975E+01	2.118E+01
56	1.797E+01	1.933E+01	2.074E+01
57	1.758E+01	1.892E+01	2.032E+01
58	1.720E+01	1.853E+01	1.991E+01
59	1.683E+01	1.814E+01	1.951E+01
60	1.647E+01	1.777E+01	1.912E+01
61	1.613E+01	1.740E+01	1.873E+01
62	1.579E+01	1.705E+01	1.836E+01
63	1.546E+01	1.670E+01	1.800E+01
64	1.514E+01	1.637E+01	1.765E+01
65	1.482E+01	1.604E+01	1.731E+01
66	1.452E+01	1.572E+01	1.697E+01
67	1.422E+01	1.541E+01	1.665E+01
68	1.394E+01	1.510E+01	1.633E+01
69	1.365E+01	1.481E+01	1.602E+01
70	1.338E+01	1.452E+01	1.572E+01
71	1.311E+01	1.424E+01	1.542E+01
72	1.286E+01	1.397E+01	1.513E+01
73	1.260E+01	1.370E+01	1.485E+01
74	1.236E+01	1.344E+01	1.458E+01
75	1.212E+01	1.318E+01	1.431E+01
76	1.188E+01	1.294E+01	1.405E+01
77	1.165E+01	1.270E+01	1.380E+01
78	1.143E+01	1.246E+01	1.355E+01
79	1.121E+01	1.223E+01	1.331E+01
80	1.100E+01	1.201E+01	1.307E+01

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.100E+01	1.201E+01	1.307E+01
81	1.079E+01	1.179E+01	1.284E+01
82	1.059E+01	1.157E+01	1.261E+01
83	1.040E+01	1.136E+01	1.239E+01
84	1.020E+01	1.116E+01	1.217E+01
85	1.002E+01	1.096E+01	1.196E+01
86	9.833E+00	1.077E+01	1.176E+01
87	9.655E+00	1.058E+01	1.156E+01
88	9.480E+00	1.039E+01	1.136E+01
89	9.310E+00	1.021E+01	1.117E+01
90	9.143E+00	1.003E+01	1.098E+01
91	8.980E+00	9.858E+00	1.079E+01
92	8.822E+00	9.689E+00	1.061E+01
93	8.666E+00	9.523E+00	1.044E+01
94	8.515E+00	9.361E+00	1.027E+01
95	8.367E+00	9.203E+00	1.010E+01
96	8.222E+00	9.048E+00	9.933E+00
97	8.080E+00	8.897E+00	9.772E+00
98	7.942E+00	8.749E+00	9.614E+00
99	7.807E+00	8.604E+00	9.460E+00
100	7.674E+00	8.463E+00	9.309E+00
101	7.545E+00	8.324E+00	9.161E+00
102	7.418E+00	8.189E+00	9.017E+00
103	7.295E+00	8.056E+00	8.875E+00
104	7.174E+00	7.926E+00	8.736E+00
105	7.055E+00	7.799E+00	8.600E+00
106	6.940E+00	7.675E+00	8.467E+00
107	6.826E+00	7.553E+00	8.337E+00
108	6.715E+00	7.434E+00	8.209E+00
109	6.607E+00	7.318E+00	8.084E+00
110	6.501E+00	7.203E+00	7.962E+00
111	6.397E+00	7.091E+00	7.842E+00
112	6.295E+00	6.982E+00	7.724E+00
113	6.195E+00	6.874E+00	7.609E+00
114	6.098E+00	6.769E+00	7.496E+00
115	6.002E+00	6.666E+00	7.386E+00
116	5.909E+00	6.565E+00	7.277E+00
117	5.817E+00	6.467E+00	7.171E+00
118	5.727E+00	6.370E+00	7.066E+00
119	5.639E+00	6.275E+00	6.964E+00
120	5.553E+00	6.182E+00	6.864E+00
121	5.469E+00	6.090E+00	6.766E+00
122	5.386E+00	6.001E+00	6.669E+00
123	5.305E+00	5.913E+00	6.575E+00
124	5.226E+00	5.827E+00	6.482E+00
125	5.148E+00	5.743E+00	6.391E+00