NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-5A205J [T,B]

RESISTANCE(at25℃)	2000000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	5000 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.425E+008	1.725E+008	2.084E+008
-39	1.314E+008	1.587E+008	1.912E+008
-38	1.212E+008	1.460E+008	1.754E+008
-37	1.119E+008	1.344E+008	1.611E+008
-36	1.034E+008	1.238E+008	1.480E+008
-35	9.552E+007	1.141E+008	1.360E+008
-34	8.833E+007	1.053E+008	1.251E+008
-33	8.173E+007	9.714E+007	1.152E+008
-32	7.566E+007	8.970E+007	1.061E+008
-31	7.008E+007	8.287E+007	9.774E+007
-30	6.494E+007	7.660E+007	9.012E+007
-29	6.023E+007	7.086E+007	8.316E+007
-28	5.588E+007	6.558E+007	7.677E+007
-27	5.187E+007	6.072E+007	7.091E+007
-26	4.817E+007	5.625E+007	6.553E+007
-25	4.475E+007	5.213E+007	6.058E+007
-24	4.160E+007	4.834E+007	5.604E+007
-23	3.868E+007	4.484E+007	5.186E+007
-22	3.598E+007	4.162E+007	4.801E+007
-21	3.349E+007	3.864E+007	4.447E+007
-20	3.118E+007	3.589E+007	4.122E+007
-19	2.904E+007	3.335E+007	3.821E+007
-18	2.706E+007	3.101E+007	3.544E+007
-17	2.523E+007	2.884E+007	3.289E+007
-16	2.353E+007	2.684E+007	3.053E+007
-15	2.196E+007	2.499E+007	2.836E+007
-14	2.050E+007	2.327E+007	2.636E+007
-13	1.914E+007	2.168E+007	2.451E+007
-12	1.788E+007	2.022E+007	2.279E+007
-11	1.672E+007	1.885E+007	2.121E+007
-10	1.563E+007	1.759E+007	1.975E+007
-9	1.462E+007	1.642E+007	1.840E+007
-8	1.369E+007	1.534E+007	1.714E+007
-7	1.281E+007	1.433E+007	1.598E+007
-6	1.200E+007	1.339E+007	1.491E+007
-5	1.125E+007	1.252E+007	1.391E+007
-4	1.054E+007	1.172E+007	1.299E+007
-3	9.886E+006	1.096E+007	1.213E+007
-2	9.274E+006	1.026E+007	1.133E+007
-1	8.704E+006	9.613E+006	1.059E+007
0	8.171E+006	9.006E+006	9.902E+006

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.171E+006	9.006E+006	9.902E+006
1	7.673E+006	8.441E+006	9.262E+006
2	7.209E+006	7.914E+006	8.667E+006
3	6.775E+006	7.423E+006	8.113E+006
4	6.370E+006	6.966E+006	7.598E+006
5	5.992E+006	6.539E+006	7.119E+006
6	5.638E+006	6.141E+006	6.673E+006
7	5.307E+006	5.770E+006	6.257E+006
8	4.998E+006	5.423E+006	5.870E+006
9	4.708E+006	5.099E+006	5.509E+006
10	4.437E+006	4.796E+006	5.172E+006
11	4.183E+006	4.514E+006	4.858E+006
12	3.945E+006	4.249E+006	4.565E+006
13	3.722E+006	4.002E+006	4.291E+006
14	3.513E+006	3.770E+006	4.035E+006
15	3.316E+006	3.552E+006	3.796E+006
16	3.132E+006	3.349E+006	3.572E+006
17	2.959E+006	3.158E+006	3.362E+006
18	2.796E+006	2.979E+006	3.166E+006
19	2.643E+006	2.811E+006	2.983E+006
20	2.500E+006	2.654E+006	2.811E+006
21	2.365E+006	2.506E+006	2.650E+006
22	2.238E+006	2.368E+006	2.499E+006
23	2.118E+006	2.237E+006	2.357E+006
24	2.006E+006	2.115E+006	2.224E+006
25	1.900E+006	2.000E+006	2.100E+006
26	1.794E+006	1.892E+006	1.990E+006
27	1.695E+006	1.790E+006	1.886E+006
28	1.602E+006	1.695E+006	1.788E+006
29	1.514E+006	1.605E+006	1.696E+006
30	1.432E+006	1.520E+006	1.609E+006
31	1.355E+006	1.440E+006	1.527E+006
32	1.282E+006	1.365E+006	1.450E+006
33	1.213E+006	1.294E+006	1.377E+006
34	1.149E+006	1.227E+006	1.308E+006
35	1.088E+006	1.164E+006	1.242E+006
36	1.031E+006	1.105E+006	1.181E+006
37	9.769E+005	1.049E+006	1.123E+006
38	9.261E+005	9.956E+005	1.068E+006
39	8.782E+005	9.455E+005	1.015E+006
40	8.331E+005	8.983E+005	9.662E+005

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN20-5A205J [T,B]

RESISTANCE(at25℃)	2000000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	5000 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	8.331E+005	8.983E+005	9.662E+005
41	7.904E+005	8.536E+005	9.196E+005
42	7.502E+005	8.114E+005	8.754E+005
43	7.123E+005	7.715E+005	8.337E+005
44	6.764E+005	7.338E+005	7.941E+005
45	6.426E+005	6.981E+005	7.566E+005
46	6.106E+005	6.644E+005	7.211E+005
47	5.804E+005	6.324E+005	6.874E+005
48	5.519E+005	6.022E+005	6.555E+005
49	5.249E+005	5.736E+005	6.253E+005
50	4.993E+005	5.465E+005	5.966E+005
51	4.752E+005	5.208E+005	5.694E+005
52	4.524E+005	4.965E+005	5.436E+005
53	4.308E+005	4.735E+005	5.191E+005
54	4.103E+005	4.516E+005	4.958E+005
55	3.910E+005	4.309E+005	4.737E+005
56	3.726E+005	4.112E+005	4.527E+005
57	3.552E+005	3.926E+005	4.328E+005
58	3.387E+005	3.748E+005	4.138E+005
59	3.230E+005	3.580E+005	3.958E+005
60	3.082E+005	3.420E+005	3.786E+005
61	2.941E+005	3.268E+005	3.623E+005
62	2.808E+005	3.124E+005	3.468E+005
63	2.681E+005	2.987E+005	3.320E+005
64	2.560E+005	2.856E+005	3.179E+005
65	2.446E+005	2.732E+005	3.045E+005
66	2.337E+005	2.614E+005	2.917E+005
67	2.233E+005	2.502E+005	2.795E+005
68	2.135E+005	2.395E+005	2.679E+005
69	2.042E+005	2.293E+005	2.568E+005
70	1.953E+005	2.196E+005	2.463E+005
71	1.868E+005	2.103E+005	2.362E+005
72	1.787E+005	2.015E+005	2.266E+005
73	1.711E+005	1.931E+005	2.174E+005
74	1.637E+005	1.851E+005	2.086E+005
75	1.568E+005	1.774E+005	2.002E+005
76	1.501E+005	1.701E+005	1.922E+005
77	1.438E+005	1.631E+005	1.846E+005
78	1.378E+005	1.565E+005	1.773E+005
79	1.320E+005	1.501E+005	1.703E+005
80	1.266E+005	1.441E+005	1.636E+005

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.266E+005	1.441E+005	1.636E+005
81	1.213E+005	1.383E+005	1.572E+005
82	1.163E+005	1.328E+005	1.511E+005
83	1.116E+005	1.275E+005	1.453E+005
84	1.070E+005	1.224E+005	1.397E+005
85	1.027E+005	1.176E+005	1.343E+005
86	9.853E+004	1.130E+005	1.292E+005
87	9.456E+004	1.085E+005	1.243E+005
88	9.076E+004	1.043E+005	1.196E+005
89	8.713E+004	1.002E+005	1.150E+005
90	8.365E+004	9.635E+004	1.107E+005
91	8.031E+004	9.261E+004	1.065E+005
92	7.712E+004	8.903E+004	1.025E+005
93	7.407E+004	8.560E+004	9.869E+004
94	7.115E+004	8.232E+004	9.501E+004
95	6.836E+004	7.918E+004	9.149E+004
96	6.569E+004	7.617E+004	8.811E+004
97	6.313E+004	7.329E+004	8.487E+004
98	6.069E+004	7.053E+004	8.176E+004
99	5.835E+004	6.788E+004	7.878E+004
100	5.611E+004	6.535E+004	7.591E+004
101	5.396E+004	6.291E+004	7.317E+004
102	5.191E+004	6.058E+004	7.053E+004
103	4.994E+004	5.835E+004	6.800E+004
104	4.805E+004	5.620E+004	6.557E+004
105	4.625E+004	5.415E+004	6.324E+004
106	4.451E+004	5.217E+004	6.100E+004
107	4.285E+004	5.028E+004	5.885E+004
108	4.126E+004	4.846E+004	5.678E+004
109	3.974E+004	4.672E+004	5.479E+004
110	3.827E+004	4.504E+004	5.288E+004
111	3.687E+004	4.343E+004	5.104E+004
112	3.552E+004	4.189E+004	4.928E+004
113	3.423E+004	4.041E+004	4.758E+004
114	3.299E+004	3.898E+004	4.595E+004
115	3.180E+004	3.761E+004	4.438E+004
116	3.065E+004	3.629E+004	4.287E+004
117	2.955E+004	3.503E+004	4.141E+004
118	2.850E+004	3.381E+004	4.001E+004
119	2.749E+004	3.264E+004	3.867E+004
120	2.651E+004	3.152E+004	3.737E+004
121	2.558E+004	3.044E+004	3.612E+004
122	2.468E+004	2.940E+004	3.492E+004
123	2.382E+004	2.839E+004	3.377E+004
124	2.299E+004	2.743E+004	3.265E+004
125	2.219E+004	2.650E+004	3.158E+004