NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH20-3H103F[T,B]

RESISTANCE(at25℃)	10000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3370 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.811E+005	1.888E+005	1.968E+005
-39	1.712E+005	1.784E+005	1.858E+005
-38	1.620E+005	1.686E+005	1.756E+005
-37	1.533E+005	1.595E+005	1.660E+005
-36	1.451E+005	1.509E+005	1.569E+005
-35	1.375E+005	1.429E+005	1.485E+005
-34	1.303E+005	1.353E+005	1.405E+005
-33	1.235E+005	1.282E+005	1.331E+005
-32	1.172E+005	1.216E+005	1.261E+005
-31	1.112E+005	1.153E+005	1.195E+005
-30	1.055E+005	1.094E+005	1.133E+005
-29	1.002E+005	1.038E+005	1.075E+005
-28	9.522E+004	9.856E+004	1.020E+005
-27	9.050E+004	9.362E+004	9.684E+004
-26	8.604E+004	8.896E+004	9.197E+004
-25	8.184E+004	8.457E+004	8.739E+004
-24	7.788E+004	8.043E+004	8.306E+004
-23	7.413E+004	7.652E+004	7.898E+004
-22	7.059E+004	7.282E+004	7.512E+004
-21	6.724E+004	6.933E+004	7.149E+004
-20	6.407E+004	6.604E+004	6.805E+004
-19	6.108E+004	6.292E+004	6.481E+004
-18	5.825E+004	5.997E+004	6.174E+004
-17	5.557E+004	5.718E+004	5.883E+004
-16	5.303E+004	5.454E+004	5.609E+004
-15	5.062E+004	5.204E+004	5.348E+004
-14	4.834E+004	4.966E+004	5.102E+004
-13	4.617E+004	4.741E+004	4.868E+004
-12	4.411E+004	4.528E+004	4.647E+004
-11	4.216E+004	4.325E+004	4.437E+004
-10	4.031E+004	4.133E+004	4.238E+004
-9	3.854E+004	3.950E+004	4.048E+004
-8	3.687E+004	3.777E+004	3.868E+004
-7	3.527E+004	3.612E+004	3.698E+004
-6	3.376E+004	3.455E+004	3.536E+004
-5	3.233E+004	3.307E+004	3.382E+004
-4	3.096E+004	3.166E+004	3.236E+004
-3	2.966E+004	3.031E+004	3.098E+004
-2	2.842E+004	2.904E+004	2.966E+004
-1	2.725E+004	2.782E+004	2.841E+004
0	2.613E+004	2.667E+004	2.721E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.613E+004	2.667E+004	2.721E+004
1	2.506E+004	2.557E+004	2.608E+004
2	2.404E+004	2.452E+004	2.500E+004
3	2.307E+004	2.352E+004	2.397E+004
4	2.215E+004	2.257E+004	2.299E+004
5	2.127E+004	2.166E+004	2.205E+004
6	2.043E+004	2.079E+004	2.116E+004
7	1.962E+004	1.997E+004	2.031E+004
8	1.886E+004	1.918E+004	1.950E+004
9	1.812E+004	1.842E+004	1.873E+004
10	1.742E+004	1.770E+004	1.799E+004
11	1.675E+004	1.702E+004	1.728E+004
12	1.611E+004	1.636E+004	1.661E+004
13	1.550E+004	1.573E+004	1.596E+004
14	1.492E+004	1.513E+004	1.535E+004
15	1.436E+004	1.456E+004	1.476E+004
16	1.382E+004	1.401E+004	1.420E+004
17	1.331E+004	1.348E+004	1.366E+004
18	1.281E+004	1.298E+004	1.314E+004
19	1.234E+004	1.250E+004	1.265E+004
20	1.189E+004	1.204E+004	1.218E+004
21	1.146E+004	1.159E+004	1.173E+004
22	1.105E+004	1.117E+004	1.129E+004
23	1.065E+004	1.076E+004	1.088E+004
24	1.027E+004	1.037E+004	1.048E+004
25	9.900E+003	1.000E+004	1.010E+004
26	9.541E+003	9.641E+003	9.741E+003
27	9.197E+003	9.297E+003	9.397E+003
28	8.867E+003	8.967E+003	9.066E+003
29	8.550E+003	8.649E+003	8.749E+003
30	8.245E+003	8.344E+003	8.443E+003
31	7.953E+003	8.051E+003	8.150E+003
32	7.672E+003	7.770E+003	7.868E+003
33	7.402E+003	7.499E+003	7.597E+003
34	7.143E+003	7.239E+003	7.336E+003
35	6.893E+003	6.989E+003	7.084E+003
36	6.653E+003	6.748E+003	6.843E+003
37	6.423E+003	6.516E+003	6.610E+003
38	6.200E+003	6.293E+003	6.386E+003
39	5.987E+003	6.078E+003	6.170E+003
40	5.781E+003	5.871E+003	5.962E+003

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH20-3H103F[T,B]

RESISTANCE(at25℃)	10000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3370 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.781E+003	5.871E+003	5.962E+003
41	5.582E+003	5.671E+003	5.760E+003
42	5.390E+003	5.478E+003	5.566E+003
43	5.205E+003	5.292E+003	5.379E+003
44	5.028E+003	5.113E+003	5.199E+003
45	4.857E+003	4.941E+003	5.026E+003
46	4.692E+003	4.775E+003	4.859E+003
47	4.534E+003	4.616E+003	4.698E+003
48	4.382E+003	4.462E+003	4.543E+003
49	4.235E+003	4.314E+003	4.394E+003
50	4.093E+003	4.171E+003	4.250E+003
51	3.957E+003	4.033E+003	4.111E+003
52	3.826E+003	3.901E+003	3.977E+003
53	3.700E+003	3.773E+003	3.848E+003
54	3.578E+003	3.650E+003	3.724E+003
55	3.461E+003	3.532E+003	3.604E+003
56	3.348E+003	3.418E+003	3.489E+003
57	3.239E+003	3.308E+003	3.378E+003
58	3.135E+003	3.202E+003	3.271E+003
59	3.034E+003	3.100E+003	3.168E+003
60	2.937E+003	3.002E+003	3.068E+003
61	2.844E+003	2.908E+003	2.973E+003
62	2.754E+003	2.817E+003	2.880E+003
63	2.667E+003	2.729E+003	2.792E+003
64	2.584E+003	2.644E+003	2.706E+003
65	2.503E+003	2.562E+003	2.623E+003
66	2.425E+003	2.484E+003	2.543E+003
67	2.350E+003	2.407E+003	2.466E+003
68	2.278E+003	2.334E+003	2.391E+003
69	2.208E+003	2.263E+003	2.319E+003
70	2.141E+003	2.195E+003	2.250E+003
71	2.076E+003	2.128E+003	2.182E+003
72	2.013E+003	2.065E+003	2.118E+003
73	1.952E+003	2.003E+003	2.055E+003
74	1.893E+003	1.943E+003	1.994E+003
75	1.837E+003	1.886E+003	1.936E+003
76	1.782E+003	1.830E+003	1.879E+003
77	1.730E+003	1.777E+003	1.825E+003
78	1.679E+003	1.725E+003	1.772E+003
79	1.629E+003	1.675E+003	1.721E+003
80	1.582E+003	1.626E+003	1.672E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.582E+003	1.626E+003	1.672E+003
81	1.536E+003	1.580E+003	1.624E+003
82	1.492E+003	1.535E+003	1.578E+003
83	1.449E+003	1.491E+003	1.534E+003
84	1.408E+003	1.449E+003	1.491E+003
85	1.368E+003	1.408E+003	1.449E+003
86	1.329E+003	1.369E+003	1.409E+003
87	1.292E+003	1.330E+003	1.370E+003
88	1.256E+003	1.293E+003	1.332E+003
89	1.221E+003	1.258E+003	1.296E+003
90	1.187E+003	1.223E+003	1.261E+003
91	1.154E+003	1.190E+003	1.226E+003
92	1.122E+003	1.157E+003	1.193E+003
93	1.091E+003	1.126E+003	1.161E+003
94	1.062E+003	1.095E+003	1.130E+003
95	1.033E+003	1.066E+003	1.100E+003
96	1.005E+003	1.037E+003	1.071E+003
97	9.780E+002	1.010E+003	1.043E+003
98	9.519E+002	9.831E+002	1.015E+003
99	9.266E+002	9.572E+002	9.887E+002
100	9.020E+002	9.321E+002	9.630E+002
101	8.782E+002	9.077E+002	9.381E+002
102	8.552E+002	8.841E+002	9.139E+002
103	8.328E+002	8.612E+002	8.904E+002
104	8.112E+002	8.390E+002	8.677E+002
105	7.902E+002	8.175E+002	8.457E+002
106	7.699E+002	7.967E+002	8.243E+002
107	7.502E+002	7.765E+002	8.036E+002
108	7.311E+002	7.569E+002	7.835E+002
109	7.126E+002	7.379E+002	7.640E+002
110	6.947E+002	7.195E+002	7.451E+002
111	6.773E+002	7.017E+002	7.269E+002
112	6.605E+002	6.844E+002	7.092E+002
113	6.442E+002	6.677E+002	6.919E+002
114	6.283E+002	6.514E+002	6.752E+002
115	6.129E+002	6.355E+002	6.589E+002
116	5.980E+002	6.202E+002	6.432E+002
117	5.834E+002	6.053E+002	6.278E+002
118	5.693E+002	5.908E+002	6.129E+002
119	5.556E+002	5.767E+002	5.984E+002
120	5.423E+002	5.630E+002	5.843E+002
121	5.294E+002	5.497E+002	5.706E+002
122	5.168E+002	5.367E+002	5.573E+002
123	5.046E+002	5.241E+002	5.444E+002
124	4.927E+002	5.119E+002	5.318E+002
125	4.812E+002	5.000E+002	5.196E+002