NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-2F500J[T,B]

RESISTANCE(at25℃)	50 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2250 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.522E+02	3.949E+02	4.416E+02
-39	3.388E+02	3.793E+02	4.237E+02
-38	3.260E+02	3.646E+02	4.067E+02
-37	3.138E+02	3.505E+02	3.906E+02
-36	3.021E+02	3.371E+02	3.751E+02
-35	2.910E+02	3.243E+02	3.604E+02
-34	2.803E+02	3.120E+02	3.464E+02
-33	2.702E+02	3.004E+02	3.331E+02
-32	2.604E+02	2.892E+02	3.204E+02
-31	2.511E+02	2.786E+02	3.082E+02
-30	2.423E+02	2.684E+02	2.966E+02
-29	2.338E+02	2.587E+02	2.856E+02
-28	2.256E+02	2.494E+02	2.750E+02
-27	2.178E+02	2.405E+02	2.649E+02
-26	2.104E+02	2.320E+02	2.553E+02
-25	2.032E+02	2.239E+02	2.460E+02
-24	1.963E+02	2.161E+02	2.372E+02
-23	1.897E+02	2.086E+02	2.287E+02
-22	1.834E+02	2.014E+02	2.206E+02
-21	1.773E+02	1.945E+02	2.129E+02
-20	1.715E+02	1.880E+02	2.055E+02
-19	1.659E+02	1.816E+02	1.983E+02
-18	1.605E+02	1.756E+02	1.915E+02
-17	1.554E+02	1.697E+02	1.850E+02
-16	1.504E+02	1.642E+02	1.787E+02
-15	1.456E+02	1.588E+02	1.727E+02
-14	1.411E+02	1.536E+02	1.669E+02
-13	1.367E+02	1.487E+02	1.614E+02
-12	1.324E+02	1.439E+02	1.561E+02
-11	1.283E+02	1.394E+02	1.510E+02
-10	1.244E+02	1.350E+02	1.460E+02
-9	1.206E+02	1.307E+02	1.413E+02
-8	1.170E+02	1.267E+02	1.368E+02
-7	1.135E+02	1.228E+02	1.325E+02
-6	1.101E+02	1.190E+02	1.283E+02
-5	1.069E+02	1.154E+02	1.243E+02
-4	1.037E+02	1.119E+02	1.204E+02
-3	1.007E+02	1.085E+02	1.167E+02
-2	9.781E+01	1.053E+02	1.131E+02
-1	9.500E+01	1.022E+02	1.096E+02
0	9.228E+01	9.917E+01	1.063E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.228E+01	9.917E+01	1.063E+02
1	8.966E+01	9.627E+01	1.031E+02
2	8.713E+01	9.347E+01	1.000E+02
3	8.469E+01	9.077E+01	9.704E+01
4	8.234E+01	8.817E+01	9.418E+01
5	8.006E+01	8.566E+01	9.142E+01
6	7.787E+01	8.324E+01	8.876E+01
7	7.574E+01	8.090E+01	8.619E+01
8	7.370E+01	7.864E+01	8.371E+01
9	7.172E+01	7.647E+01	8.133E+01
10	6.980E+01	7.436E+01	7.902E+01
11	6.796E+01	7.233E+01	7.680E+01
12	6.617E+01	7.037E+01	7.466E+01
13	6.444E+01	6.848E+01	7.259E+01
14	6.276E+01	6.664E+01	7.059E+01
15	6.114E+01	6.487E+01	6.865E+01
16	5.958E+01	6.316E+01	6.678E+01
17	5.806E+01	6.150E+01	6.497E+01
18	5.659E+01	5.989E+01	6.323E+01
19	5.516E+01	5.834E+01	6.154E+01
20	5.378E+01	5.683E+01	5.990E+01
21	5.245E+01	5.538E+01	5.832E+01
22	5.115E+01	5.397E+01	5.680E+01
23	4.990E+01	5.260E+01	5.532E+01
24	4.868E+01	5.128E+01	5.389E+01
25	4.750E+01	5.000E+01	5.250E+01
26	4.629E+01	4.876E+01	5.124E+01
27	4.511E+01	4.756E+01	5.001E+01
28	4.397E+01	4.639E+01	4.882E+01
29	4.287E+01	4.526E+01	4.767E+01
30	4.181E+01	4.417E+01	4.655E+01
31	4.077E+01	4.311E+01	4.547E+01
32	3.977E+01	4.208E+01	4.441E+01
33	3.880E+01	4.108E+01	4.339E+01
34	3.785E+01	4.011E+01	4.240E+01
35	3.694E+01	3.917E+01	4.143E+01
36	3.605E+01	3.826E+01	4.049E+01
37	3.519E+01	3.737E+01	3.958E+01
38	3.436E+01	3.651E+01	3.870E+01
39	3.355E+01	3.567E+01	3.784E+01
40	3.276E+01	3.486E+01	3.700E+01

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TYPE	TN10-2F500J[T,B]

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.276E+01	3.486E+01	3.700E+01
41	3.200E+01	3.407E+01	3.619E+01
42	3.125E+01	3.330E+01	3.540E+01
43	3.053E+01	3.256E+01	3.463E+01
44	2.984E+01	3.183E+01	3.388E+01
45	2.916E+01	3.113E+01	3.316E+01
46	2.850E+01	3.045E+01	3.245E+01
47	2.785E+01	2.978E+01	3.176E+01
48	2.723E+01	2.913E+01	3.109E+01
49	2.662E+01	2.850E+01	3.044E+01
50	2.603E+01	2.789E+01	2.980E+01
51	2.546E+01	2.729E+01	2.918E+01
52	2.490E+01	2.671E+01	2.858E+01
53	2.436E+01	2.614E+01	2.799E+01
54	2.383E+01	2.559E+01	2.742E+01
55	2.332E+01	2.506E+01	2.686E+01
56	2.282E+01	2.454E+01	2.632E+01
57	2.233E+01	2.403E+01	2.579E+01
58	2.186E+01	2.353E+01	2.527E+01
59	2.140E+01	2.305E+01	2.477E+01
60	2.095E+01	2.258E+01	2.428E+01
61	2.051E+01	2.212E+01	2.380E+01
62	2.009E+01	2.168E+01	2.334E+01
63	1.967E+01	2.125E+01	2.289E+01
64	1.927E+01	2.082E+01	2.245E+01
65	1.888E+01	2.041E+01	2.201E+01
66	1.849E+01	2.001E+01	2.159E+01
67	1.812E+01	1.961E+01	2.118E+01
68	1.775E+01	1.923E+01	2.078E+01
69	1.740E+01	1.885E+01	2.038E+01
70	1.705E+01	1.849E+01	2.000E+01
71	1.671E+01	1.813E+01	1.962E+01
72	1.637E+01	1.777E+01	1.925E+01
73	1.605E+01	1.743E+01	1.889E+01
74	1.573E+01	1.709E+01	1.853E+01
75	1.542E+01	1.677E+01	1.819E+01
76	1.512E+01	1.645E+01	1.785E+01
77	1.482E+01	1.614E+01	1.752E+01
78	1.453E+01	1.583E+01	1.720E+01
79	1.425E+01	1.553E+01	1.689E+01
80	1.398E+01	1.524E+01	1.658E+01

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.398E+01	1.524E+01	1.658E+01
81	1.371E+01	1.496E+01	1.628E+01
82	1.345E+01	1.468E+01	1.599E+01
83	1.320E+01	1.441E+01	1.570E+01
84	1.295E+01	1.415E+01	1.542E+01
85	1.271E+01	1.389E+01	1.515E+01
86	1.247E+01	1.364E+01	1.488E+01
87	1.224E+01	1.339E+01	1.462E+01
88	1.201E+01	1.315E+01	1.437E+01
89	1.179E+01	1.292E+01	1.412E+01
90	1.158E+01	1.269E+01	1.388E+01
91	1.137E+01	1.247E+01	1.364E+01
92	1.116E+01	1.225E+01	1.341E+01
93	1.096E+01	1.204E+01	1.318E+01
94	1.077E+01	1.183E+01	1.296E+01
95	1.058E+01	1.163E+01	1.274E+01
96	1.039E+01	1.143E+01	1.253E+01
97	1.021E+01	1.123E+01	1.232E+01
98	1.003E+01	1.104E+01	1.212E+01
99	9.858E+00	1.085E+01	1.192E+01
100	9.687E+00	1.067E+01	1.173E+01
101	9.520E+00	1.049E+01	1.154E+01
102	9.357E+00	1.032E+01	1.135E+01
103	9.197E+00	1.015E+01	1.117E+01
104	9.041E+00	9.979E+00	1.099E+01
105	8.888E+00	9.815E+00	1.081E+01
106	8.739E+00	9.655E+00	1.064E+01
107	8.592E+00	9.497E+00	1.047E+01
108	8.449E+00	9.343E+00	1.031E+01
109	8.309E+00	9.192E+00	1.014E+01
110	8.171E+00	9.044E+00	9.986E+00
111	8.037E+00	8.900E+00	9.830E+00
112	7.905E+00	8.758E+00	9.678E+00
113	7.776E+00	8.619E+00	9.529E+00
114	7.650E+00	8.483E+00	9.383E+00
115	7.526E+00	8.349E+00	9.239E+00
116	7.405E+00	8.218E+00	9.098E+00
117	7.286E+00	8.090E+00	8.961E+00
118	7.170E+00	7.965E+00	8.825E+00
119	7.056E+00	7.842E+00	8.693E+00
120	6.944E+00	7.721E+00	8.563E+00
121	6.835E+00	7.602E+00	8.435E+00
122	6.728E+00	7.486E+00	8.310E+00
123	6.623E+00	7.373E+00	8.187E+00
124	6.520E+00	7.261E+00	8.067E+00
125	6.419E+00	7.152E+00	7.949E+00