NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN10-2R101J [T,B]

RESISTANCE(at25℃)	100 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2700 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	9.612E+002	1.091E+003	1.236E+003
-39	9.211E+002	1.044E+003	1.181E+003
-38	8.829E+002	9.995E+002	1.129E+003
-37	8.465E+002	9.570E+002	1.079E+003
-36	8.119E+002	9.165E+002	1.032E+003
-35	7.789E+002	8.780E+002	9.872E+002
-34	7.474E+002	8.413E+002	9.446E+002
-33	7.174E+002	8.064E+002	9.041E+002
-32	6.888E+002	7.732E+002	8.657E+002
-31	6.615E+002	7.415E+002	8.290E+002
-30	6.355E+002	7.113E+002	7.942E+002
-29	6.108E+002	6.827E+002	7.613E+002
-28	5.871E+002	6.554E+002	7.298E+002
-27	5.645E+002	6.293E+002	6.998E+002
-26	5.429E+002	6.044E+002	6.712E+002
-25	5.221E+002	5.805E+002	6.439E+002
-24	5.023E+002	5.577E+002	6.178E+002
-23	4.833E+002	5.359E+002	5.928E+002
-22	4.651E+002	5.151E+002	5.690E+002
-21	4.476E+002	4.951E+002	5.463E+002
-20	4.309E+002	4.760E+002	5.245E+002
-19	4.148E+002	4.577E+002	5.037E+002
-18	3.995E+002	4.402E+002	4.839E+002
-17	3.848E+002	4.235E+002	4.649E+002
-16	3.707E+002	4.074E+002	4.467E+002
-15	3.571E+002	3.921E+002	4.294E+002
-14	3.442E+002	3.774E+002	4.128E+002
-13	3.318E+002	3.634E+002	3.970E+002
-12	3.199E+002	3.499E+002	3.818E+002
-11	3.085E+002	3.370E+002	3.673E+002
-10	2.975E+002	3.247E+002	3.535E+002
-9	2.870E+002	3.129E+002	3.402E+002
-8	2.769E+002	3.015E+002	3.275E+002
-7	2.673E+002	2.907E+002	3.153E+002
-6	2.580E+002	2.803E+002	3.037E+002
-5	2.491E+002	2.703E+002	2.926E+002
-4	2.405E+002	2.607E+002	2.819E+002
-3	2.323E+002	2.515E+002	2.716E+002
-2	2.244E+002	2.427E+002	2.618E+002
-1	2.168E+002	2.342E+002	2.524E+002
0	2.095E+002	2.261E+002	2.434E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.095E+002	2.261E+002	2.434E+002
1	2.025E+002	2.183E+002	2.348E+002
2	1.958E+002	2.108E+002	2.265E+002
3	1.893E+002	2.037E+002	2.185E+002
4	1.831E+002	1.968E+002	2.109E+002
5	1.771E+002	1.901E+002	2.036E+002
6	1.714E+002	1.838E+002	1.966E+002
7	1.659E+002	1.777E+002	1.898E+002
8	1.605E+002	1.718E+002	1.834E+002
9	1.554E+002	1.661E+002	1.771E+002
10	1.505E+002	1.607E+002	1.712E+002
11	1.457E+002	1.555E+002	1.655E+002
12	1.412E+002	1.505E+002	1.600E+002
13	1.368E+002	1.456E+002	1.547E+002
14	1.326E+002	1.410E+002	1.496E+002
15	1.285E+002	1.365E+002	1.447E+002
16	1.246E+002	1.322E+002	1.400E+002
17	1.208E+002	1.281E+002	1.355E+002
18	1.171E+002	1.241E+002	1.312E+002
19	1.136E+002	1.203E+002	1.270E+002
20	1.102E+002	1.166E+002	1.230E+002
21	1.070E+002	1.130E+002	1.191E+002
22	1.038E+002	1.096E+002	1.154E+002
23	1.008E+002	1.063E+002	1.118E+002
24	9.783E+001	1.031E+002	1.083E+002
25	9.500E+001	1.000E+002	1.050E+002
26	9.210E+001	9.703E+001	1.020E+002
27	8.930E+001	9.417E+001	9.906E+001
28	8.661E+001	9.142E+001	9.625E+001
29	8.401E+001	8.875E+001	9.353E+001
30	8.151E+001	8.618E+001	9.090E+001
31	7.909E+001	8.370E+001	8.836E+001
32	7.676E+001	8.131E+001	8.591E+001
33	7.451E+001	7.899E+001	8.354E+001
34	7.234E+001	7.676E+001	8.124E+001
35	7.025E+001	7.460E+001	7.903E+001
36	6.823E+001	7.252E+001	7.688E+001
37	6.628E+001	7.051E+001	7.481E+001
38	6.440E+001	6.856E+001	7.281E+001
39	6.258E+001	6.668E+001	7.087E+001
40	6.082E+001	6.486E+001	6.899E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	6.082E+001	6.486E+001	6.899E+001
41	5.912E+001	6.310E+001	6.718E+001
42	5.748E+001	6.140E+001	6.542E+001
43	5.590E+001	5.976E+001	6.372E+001
44	5.437E+001	5.817E+001	6.208E+001
45	5.289E+001	5.663E+001	6.048E+001
46	5.145E+001	5.514E+001	5.894E+001
47	5.007E+001	5.369E+001	5.744E+001
48	4.872E+001	5.230E+001	5.599E+001
49	4.742E+001	5.094E+001	5.458E+001
50	4.617E+001	4.963E+001	5.322E+001
51	4.495E+001	4.835E+001	5.189E+001
52	4.377E+001	4.712E+001	5.060E+001
53	4.262E+001	4.592E+001	4.936E+001
54	4.151E+001	4.476E+001	4.815E+001
55	4.044E+001	4.364E+001	4.697E+001
56	3.940E+001	4.255E+001	4.584E+001
57	3.839E+001	4.149E+001	4.473E+001
58	3.742E+001	4.047E+001	4.366E+001
59	3.647E+001	3.948E+001	4.262E+001
60	3.556E+001	3.851E+001	4.161E+001
61	3.467E+001	3.758E+001	4.063E+001
62	3.381E+001	3.667E+001	3.968E+001
63	3.298E+001	3.579E+001	3.876E+001
64	3.217E+001	3.494E+001	3.786E+001
65	3.138E+001	3.411E+001	3.699E+001
66	3.062E+001	3.331E+001	3.614E+001
67	2.988E+001	3.252E+001	3.532E+001
68	2.916E+001	3.176E+001	3.451E+001
69	2.846E+001	3.103E+001	3.374E+001
70	2.779E+001	3.031E+001	3.298E+001
71	2.713E+001	2.961E+001	3.224E+001
72	2.649E+001	2.893E+001	3.152E+001
73	2.586E+001	2.827E+001	3.082E+001
74	2.526E+001	2.763E+001	3.014E+001
75	2.467E+001	2.701E+001	2.948E+001
76	2.410E+001	2.640E+001	2.884E+001
77	2.355E+001	2.581E+001	2.822E+001
78	2.301E+001	2.524E+001	2.761E+001
79	2.249E+001	2.468E+001	2.702E+001
80	2.198E+001	2.414E+001	2.644E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	2.198E+001	2.414E+001	2.644E+001
81	2.149E+001	2.361E+001	2.588E+001
82	2.101E+001	2.310E+001	2.534E+001
83	2.054E+001	2.260E+001	2.480E+001
84	2.009E+001	2.212E+001	2.429E+001
85	1.965E+001	2.164E+001	2.378E+001
86	1.922E+001	2.118E+001	2.329E+001
87	1.880E+001	2.074E+001	2.282E+001
88	1.839E+001	2.030E+001	2.235E+001
89	1.800E+001	1.988E+001	2.190E+001
90	1.761E+001	1.947E+001	2.146E+001
91	1.724E+001	1.906E+001	2.103E+001
92	1.688E+001	1.867E+001	2.061E+001
93	1.652E+001	1.829E+001	2.020E+001
94	1.618E+001	1.792E+001	1.980E+001
95	1.584E+001	1.756E+001	1.942E+001
96	1.552E+001	1.721E+001	1.904E+001
97	1.520E+001	1.687E+001	1.867E+001
98	1.489E+001	1.653E+001	1.831E+001
99	1.458E+001	1.620E+001	1.796E+001
100	1.429E+001	1.589E+001	1.762E+001
101	1.400E+001	1.558E+001	1.728E+001
102	1.372E+001	1.527E+001	1.696E+001
103	1.345E+001	1.498E+001	1.664E+001
104	1.318E+001	1.469E+001	1.633E+001
105	1.293E+001	1.441E+001	1.603E+001
106	1.267E+001	1.414E+001	1.573E+001
107	1.243E+001	1.387E+001	1.544E+001
108	1.219E+001	1.361E+001	1.516E+001
109	1.195E+001	1.335E+001	1.489E+001
110	1.172E+001	1.311E+001	1.462E+001
111	1.150E+001	1.286E+001	1.435E+001
112	1.128E+001	1.263E+001	1.410E+001
113	1.107E+001	1.240E+001	1.385E+001
114	1.086E+001	1.217E+001	1.360E+001
115	1.066E+001	1.195E+001	1.336E+001
116	1.046E+001	1.174E+001	1.313E+001
117	1.027E+001	1.153E+001	1.290E+001
118	1.008E+001	1.132E+001	1.268E+001
119	9.898E+000	1.112E+001	1.246E+001
120	9.719E+000	1.092E+001	1.225E+001
121	9.544E+000	1.073E+001	1.204E+001
122	9.372E+000	1.055E+001	1.184E+001
123	9.205E+000	1.036E+001	1.164E+001
124	9.042E+000	1.018E+001	1.144E+001
125	8.883E+000	1.001E+001	1.125E+001