NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TN05-3H302J [R,B]

RESISTANCE(at25℃)	3000 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	3370 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	5.669E+004	6.559E+004	7.570E+004
-39	5.355E+004	6.184E+004	7.124E+004
-38	5.060E+004	5.833E+004	6.707E+004
-37	4.783E+004	5.504E+004	6.317E+004
-36	4.524E+004	5.196E+004	5.953E+004
-35	4.280E+004	4.907E+004	5.612E+004
-34	4.051E+004	4.636E+004	5.293E+004
-33	3.836E+004	4.382E+004	4.994E+004
-32	3.634E+004	4.144E+004	4.714E+004
-31	3.443E+004	3.920E+004	4.452E+004
-30	3.264E+004	3.710E+004	4.206E+004
-29	3.096E+004	3.512E+004	3.975E+004
-28	2.937E+004	3.326E+004	3.758E+004
-27	2.787E+004	3.152E+004	3.555E+004
-26	2.646E+004	2.987E+004	3.364E+004
-25	2.513E+004	2.832E+004	3.184E+004
-24	2.388E+004	2.687E+004	3.016E+004
-23	2.269E+004	2.549E+004	2.857E+004
-22	2.158E+004	2.420E+004	2.708E+004
-21	2.052E+004	2.298E+004	2.567E+004
-20	1.953E+004	2.183E+004	2.435E+004
-19	1.859E+004	2.075E+004	2.310E+004
-18	1.770E+004	1.973E+004	2.193E+004
-17	1.686E+004	1.876E+004	2.082E+004
-16	1.606E+004	1.785E+004	1.978E+004
-15	1.531E+004	1.699E+004	1.880E+004
-14	1.460E+004	1.617E+004	1.787E+004
-13	1.392E+004	1.540E+004	1.699E+004
-12	1.328E+004	1.467E+004	1.616E+004
-11	1.267E+004	1.398E+004	1.538E+004
-10	1.210E+004	1.332E+004	1.463E+004
-9	1.155E+004	1.270E+004	1.393E+004
-8	1.103E+004	1.212E+004	1.327E+004
-7	1.054E+004	1.156E+004	1.264E+004
-6	1.008E+004	1.103E+004	1.205E+004
-5	9.634E+003	1.053E+004	1.149E+004
-4	9.213E+003	1.006E+004	1.095E+004
-3	8.813E+003	9.609E+003	1.045E+004
-2	8.433E+003	9.182E+003	9.972E+003
-1	8.072E+003	8.777E+003	9.519E+003
0	7.729E+003	8.392E+003	9.089E+003

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	7.729E+003	8.392E+003	9.089E+003
1	7.402E+003	8.026E+003	8.682E+003
2	7.091E+003	7.679E+003	8.295E+003
3	6.795E+003	7.349E+003	7.927E+003
4	6.514E+003	7.035E+003	7.579E+003
5	6.245E+003	6.736E+003	7.248E+003
6	5.990E+003	6.452E+003	6.933E+003
7	5.747E+003	6.182E+003	6.634E+003
8	5.515E+003	5.925E+003	6.350E+003
9	5.293E+003	5.680E+003	6.080E+003
10	5.083E+003	5.447E+003	5.823E+003
11	4.882E+003	5.225E+003	5.579E+003
12	4.690E+003	5.013E+003	5.346E+003
13	4.506E+003	4.812E+003	5.125E+003
14	4.332E+003	4.619E+003	4.914E+003
15	4.165E+003	4.436E+003	4.713E+003
16	4.005E+003	4.261E+003	4.521E+003
17	3.853E+003	4.093E+003	4.339E+003
18	3.707E+003	3.934E+003	4.165E+003
19	3.568E+003	3.782E+003	3.999E+003
20	3.434E+003	3.636E+003	3.840E+003
21	3.307E+003	3.497E+003	3.689E+003
22	3.185E+003	3.364E+003	3.545E+003
23	3.069E+003	3.237E+003	3.407E+003
24	2.957E+003	3.116E+003	3.276E+003
25	2.850E+003	3.000E+003	3.150E+003
26	2.741E+003	2.889E+003	3.037E+003
27	2.638E+003	2.783E+003	2.928E+003
28	2.538E+003	2.681E+003	2.825E+003
29	2.443E+003	2.584E+003	2.725E+003
30	2.353E+003	2.490E+003	2.630E+003
31	2.266E+003	2.401E+003	2.538E+003
32	2.183E+003	2.316E+003	2.450E+003
33	2.103E+003	2.234E+003	2.366E+003
34	2.027E+003	2.155E+003	2.285E+003
35	1.954E+003	2.080E+003	2.208E+003
36	1.884E+003	2.007E+003	2.133E+003
37	1.817E+003	1.938E+003	2.062E+003
38	1.753E+003	1.871E+003	1.993E+003
39	1.691E+003	1.808E+003	1.927E+003
40	1.632E+003	1.746E+003	1.864E+003

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	1.632E+003	1.746E+003	1.864E+003
41	1.576E+003	1.687E+003	1.803E+003
42	1.521E+003	1.631E+003	1.744E+003
43	1.469E+003	1.577E+003	1.688E+003
44	1.419E+003	1.525E+003	1.634E+003
45	1.371E+003	1.474E+003	1.581E+003
46	1.325E+003	1.426E+003	1.531E+003
47	1.281E+003	1.380E+003	1.483E+003
48	1.238E+003	1.335E+003	1.437E+003
49	1.197E+003	1.293E+003	1.392E+003
50	1.158E+003	1.251E+003	1.349E+003
51	1.120E+003	1.212E+003	1.307E+003
52	1.084E+003	1.173E+003	1.267E+003
53	1.049E+003	1.137E+003	1.229E+003
54	1.015E+003	1.101E+003	1.192E+003
55	9.830E+002	1.067E+003	1.156E+003
56	9.519E+002	1.035E+003	1.121E+003
57	9.219E+002	1.003E+003	1.088E+003
58	8.931E+002	9.724E+002	1.056E+003
59	8.653E+002	9.430E+002	1.025E+003
60	8.385E+002	9.147E+002	9.952E+002
61	8.127E+002	8.873E+002	9.663E+002
62	7.878E+002	8.609E+002	9.384E+002
63	7.638E+002	8.355E+002	9.115E+002
64	7.407E+002	8.109E+002	8.855E+002
65	7.184E+002	7.872E+002	8.604E+002
66	6.969E+002	7.643E+002	8.361E+002
67	6.762E+002	7.423E+002	8.127E+002
68	6.562E+002	7.209E+002	7.900E+002
69	6.369E+002	7.004E+002	7.681E+002
70	6.183E+002	6.805E+002	7.470E+002
71	6.004E+002	6.613E+002	7.265E+002
72	5.831E+002	6.427E+002	7.068E+002
73	5.663E+002	6.248E+002	6.876E+002
74	5.501E+002	6.075E+002	6.691E+002
75	5.345E+002	5.907E+002	6.512E+002
76	5.194E+002	5.745E+002	6.339E+002
77	5.049E+002	5.589E+002	6.171E+002
78	4.908E+002	5.437E+002	6.009E+002
79	4.771E+002	5.291E+002	5.852E+002
80	4.640E+002	5.149E+002	5.699E+002

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	4.640E+002	5.149E+002	5.699E+002
81	4.512E+002	5.011E+002	5.552E+002
82	4.389E+002	4.878E+002	5.409E+002
83	4.270E+002	4.750E+002	5.270E+002
84	4.154E+002	4.625E+002	5.136E+002
85	4.043E+002	4.504E+002	5.006E+002
86	3.935E+002	4.387E+002	4.880E+002
87	3.830E+002	4.274E+002	4.758E+002
88	3.729E+002	4.165E+002	4.639E+002
89	3.631E+002	4.058E+002	4.524E+002
90	3.536E+002	3.955E+002	4.413E+002
91	3.444E+002	3.856E+002	4.305E+002
92	3.356E+002	3.759E+002	4.200E+002
93	3.269E+002	3.665E+002	4.099E+002
94	3.186E+002	3.574E+002	4.000E+002
95	3.105E+002	3.486E+002	3.904E+002
96	3.027E+002	3.401E+002	3.811E+002
97	2.951E+002	3.318E+002	3.721E+002
98	2.877E+002	3.237E+002	3.633E+002
99	2.805E+002	3.159E+002	3.548E+002
100	2.736E+002	3.083E+002	3.466E+002
101	2.669E+002	3.010E+002	3.386E+002
102	2.604E+002	2.939E+002	3.308E+002
103	2.541E+002	2.870E+002	3.233E+002
104	2.480E+002	2.802E+002	3.159E+002
105	2.420E+002	2.737E+002	3.088E+002
106	2.362E+002	2.674E+002	3.018E+002
107	2.306E+002	2.612E+002	2.951E+002
108	2.252E+002	2.552E+002	2.885E+002
109	2.199E+002	2.494E+002	2.821E+002
110	2.147E+002	2.437E+002	2.759E+002
111	2.097E+002	2.382E+002	2.698E+002
112	2.048E+002	2.328E+002	2.639E+002
113	2.001E+002	2.276E+002	2.581E+002
114	1.955E+002	2.225E+002	2.526E+002
115	1.910E+002	2.176E+002	2.471E+002
116	1.867E+002	2.127E+002	2.418E+002
117	1.825E+002	2.081E+002	2.367E+002
118	1.784E+002	2.035E+002	2.316E+002
119	1.744E+002	1.991E+002	2.267E+002
120	1.705E+002	1.948E+002	2.220E+002
121	1.667E+002	1.906E+002	2.173E+002
122	1.630E+002	1.865E+002	2.128E+002
123	1.594E+002	1.825E+002	2.084E+002
124	1.560E+002	1.787E+002	2.041E+002
125	1.526E+002	1.749E+002	1.999E+002