NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TC05-2S400J [R,B]

RESISTANCE(at25℃)	40 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50℃)	2750 K	B-TOLERANCE(±)	3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	4.192E+002	4.767E+002	5.406E+002
-39	4.002E+002	4.544E+002	5.146E+002
-38	3.822E+002	4.333E+002	4.900E+002
-37	3.652E+002	4.134E+002	4.667E+002
-36	3.490E+002	3.945E+002	4.448E+002
-35	3.337E+002	3.767E+002	4.240E+002
-34	3.192E+002	3.598E+002	4.044E+002
-33	3.054E+002	3.437E+002	3.859E+002
-32	2.924E+002	3.286E+002	3.683E+002
-31	2.799E+002	3.142E+002	3.517E+002
-30	2.681E+002	3.005E+002	3.359E+002
-29	2.569E+002	2.875E+002	3.209E+002
-28	2.463E+002	2.752E+002	3.068E+002
-27	2.361E+002	2.635E+002	2.933E+002
-26	2.265E+002	2.524E+002	2.806E+002
-25	2.173E+002	2.418E+002	2.685E+002
-24	2.085E+002	2.318E+002	2.570E+002
-23	2.002E+002	2.222E+002	2.461E+002
-22	1.923E+002	2.132E+002	2.357E+002
-21	1.847E+002	2.045E+002	2.259E+002
-20	1.775E+002	1.963E+002	2.165E+002
-19	1.707E+002	1.885E+002	2.076E+002
-18	1.641E+002	1.810E+002	1.991E+002
-17	1.579E+002	1.739E+002	1.911E+002
-16	1.519E+002	1.671E+002	1.834E+002
-15	1.462E+002	1.606E+002	1.761E+002
-14	1.407E+002	1.544E+002	1.691E+002
-13	1.355E+002	1.485E+002	1.624E+002
-12	1.305E+002	1.429E+002	1.560E+002
-11	1.257E+002	1.375E+002	1.500E+002
-10	1.212E+002	1.323E+002	1.442E+002
-9	1.168E+002	1.274E+002	1.386E+002
-8	1.126E+002	1.227E+002	1.333E+002
-7	1.086E+002	1.182E+002	1.283E+002
-6	1.047E+002	1.138E+002	1.234E+002
-5	1.010E+002	1.097E+002	1.188E+002
-4	9.750E+001	1.057E+002	1.144E+002
-3	9.411E+001	1.019E+002	1.102E+002
-2	9.085E+001	9.831E+001	1.061E+002
-1	8.773E+001	9.482E+001	1.022E+002
0	8.474E+001	9.149E+001	9.852E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.474E+001	9.149E+001	9.852E+001
1	8.187E+001	8.829E+001	9.497E+001
2	7.911E+001	8.522E+001	9.157E+001
3	7.646E+001	8.228E+001	8.832E+001
4	7.391E+001	7.945E+001	8.519E+001
5	7.147E+001	7.674E+001	8.220E+001
6	6.912E+001	7.414E+001	7.933E+001
7	6.686E+001	7.164E+001	7.657E+001
8	6.469E+001	6.924E+001	7.393E+001
9	6.260E+001	6.693E+001	7.139E+001
10	6.059E+001	6.472E+001	6.896E+001
11	5.865E+001	6.259E+001	6.662E+001
12	5.679E+001	6.054E+001	6.437E+001
13	5.500E+001	5.857E+001	6.222E+001
14	5.328E+001	5.668E+001	6.015E+001
15	5.162E+001	5.486E+001	5.816E+001
16	5.002E+001	5.311E+001	5.624E+001
17	4.848E+001	5.142E+001	5.440E+001
18	4.699E+001	4.980E+001	5.264E+001
19	4.556E+001	4.824E+001	5.094E+001
20	4.419E+001	4.673E+001	4.930E+001
21	4.286E+001	4.528E+001	4.773E+001
22	4.158E+001	4.389E+001	4.621E+001
23	4.034E+001	4.254E+001	4.475E+001
24	3.915E+001	4.125E+001	4.335E+001
25	3.800E+001	4.000E+001	4.200E+001
26	3.682E+001	3.880E+001	4.077E+001
27	3.569E+001	3.764E+001	3.959E+001
28	3.460E+001	3.652E+001	3.845E+001
29	3.354E+001	3.544E+001	3.735E+001
30	3.253E+001	3.440E+001	3.628E+001
31	3.155E+001	3.339E+001	3.525E+001
32	3.060E+001	3.242E+001	3.426E+001
33	2.969E+001	3.148E+001	3.330E+001
34	2.881E+001	3.058E+001	3.237E+001
35	2.797E+001	2.970E+001	3.147E+001
36	2.715E+001	2.886E+001	3.060E+001
37	2.636E+001	2.804E+001	2.976E+001
38	2.559E+001	2.725E+001	2.895E+001
39	2.486E+001	2.649E+001	2.816E+001
40	2.415E+001	2.576E+001	2.740E+001

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T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.415E+001	2.576E+001	2.740E+001
41	2.346E+001	2.504E+001	2.667E+001
42	2.279E+001	2.435E+001	2.596E+001
43	2.215E+001	2.369E+001	2.527E+001
44	2.153E+001	2.304E+001	2.460E+001
45	2.093E+001	2.242E+001	2.395E+001
46	2.035E+001	2.182E+001	2.333E+001
47	1.979E+001	2.123E+001	2.272E+001
48	1.925E+001	2.067E+001	2.214E+001
49	1.873E+001	2.012E+001	2.157E+001
50	1.822E+001	1.960E+001	2.102E+001
51	1.773E+001	1.909E+001	2.049E+001
52	1.726E+001	1.859E+001	1.997E+001
53	1.680E+001	1.811E+001	1.948E+001
54	1.636E+001	1.765E+001	1.899E+001
55	1.593E+001	1.720E+001	1.852E+001
56	1.552E+001	1.676E+001	1.807E+001
57	1.511E+001	1.634E+001	1.763E+001
58	1.473E+001	1.593E+001	1.720E+001
59	1.435E+001	1.554E+001	1.678E+001
60	1.398E+001	1.515E+001	1.638E+001
61	1.363E+001	1.478E+001	1.599E+001
62	1.328E+001	1.441E+001	1.561E+001
63	1.295E+001	1.406E+001	1.524E+001
64	1.262E+001	1.372E+001	1.488E+001
65	1.231E+001	1.339E+001	1.453E+001
66	1.201E+001	1.307E+001	1.419E+001
67	1.171E+001	1.276E+001	1.386E+001
68	1.143E+001	1.245E+001	1.354E+001
69	1.115E+001	1.216E+001	1.323E+001
70	1.088E+001	1.188E+001	1.293E+001
71	1.062E+001	1.160E+001	1.264E+001
72	1.037E+001	1.133E+001	1.236E+001
73	1.012E+001	1.107E+001	1.208E+001
74	9.883E+000	1.082E+001	1.181E+001
75	9.652E+000	1.057E+001	1.155E+001
76	9.426E+000	1.033E+001	1.130E+001
77	9.207E+000	1.010E+001	1.105E+001
78	8.995E+000	9.872E+000	1.081E+001
79	8.788E+000	9.651E+000	1.057E+001
80	8.586E+000	9.436E+000	1.034E+001

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	8.586E+000	9.436E+000	1.034E+001
81	8.389E+000	9.226E+000	1.012E+001
82	8.198E+000	9.021E+000	9.902E+000
83	8.012E+000	8.822E+000	9.690E+000
84	7.831E+000	8.629E+000	9.484E+000
85	7.656E+000	8.441E+000	9.283E+000
86	7.485E+000	8.258E+000	9.088E+000
87	7.319E+000	8.080E+000	8.898E+000
88	7.157E+000	7.907E+000	8.713E+000
89	7.000E+000	7.738E+000	8.532E+000
90	6.848E+000	7.574E+000	8.357E+000
91	6.700E+000	7.415E+000	8.187E+000
92	6.556E+000	7.261E+000	8.021E+000
93	6.416E+000	7.110E+000	7.859E+000
94	6.279E+000	6.963E+000	7.701E+000
95	6.147E+000	6.820E+000	7.547E+000
96	6.017E+000	6.680E+000	7.398E+000
97	5.891E+000	6.544E+000	7.251E+000
98	5.768E+000	6.412E+000	7.109E+000
99	5.649E+000	6.282E+000	6.970E+000
100	5.532E+000	6.156E+000	6.834E+000
101	5.419E+000	6.034E+000	6.702E+000
102	5.308E+000	5.914E+000	6.572E+000
103	5.200E+000	5.797E+000	6.446E+000
104	5.095E+000	5.683E+000	6.323E+000
105	4.992E+000	5.572E+000	6.203E+000
106	4.892E+000	5.463E+000	6.086E+000
107	4.795E+000	5.357E+000	5.971E+000
108	4.700E+000	5.254E+000	5.859E+000
109	4.607E+000	5.153E+000	5.750E+000
110	4.516E+000	5.055E+000	5.644E+000
111	4.428E+000	4.959E+000	5.540E+000
112	4.342E+000	4.865E+000	5.438E+000
113	4.258E+000	4.773E+000	5.338E+000
114	4.176E+000	4.684E+000	5.241E+000
115	4.095E+000	4.597E+000	5.146E+000
116	4.017E+000	4.511E+000	5.054E+000
117	3.941E+000	4.428E+000	4.963E+000
118	3.866E+000	4.347E+000	4.874E+000
119	3.794E+000	4.267E+000	4.788E+000
120	3.723E+000	4.189E+000	4.703E+000
121	3.653E+000	4.113E+000	4.620E+000
122	3.585E+000	4.039E+000	4.539E+000
123	3.519E+000	3.967E+000	4.460E+000
124	3.454E+000	3.896E+000	4.383E+000
125	3.391E+000	3.827E+000	4.307E+000