NTC THERMISTOR R-T CHARACTERISTICS

TYPE	STS-73

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3380 K	B+TOLERANCE(K)	67.6	B-TOLERANCE(K)	67.6

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.818E+05	1.997E+05	2.191E+05
-39	1.721E+05	1.888E+05	2.068E+05
-38	1.629E+05	1.785E+05	1.954E+05
-37	1.543E+05	1.689E+05	1.846E+05
-36	1.463E+05	1.598E+05	1.745E+05
-35	1.386E+05	1.513E+05	1.650E+05
-34	1.315E+05	1.433E+05	1.561E+05
-33	1.247E+05	1.358E+05	1.477E+05
-32	1.183E+05	1.287E+05	1.399E+05
-31	1.123E+05	1.220E+05	1.325E+05
-30	1.067E+05	1.158E+05	1.255E+05
-29	1.013E+05	1.098E+05	1.190E+05
-28	9.630E+04	1.043E+05	1.128E+05
-27	9.154E+04	9.900E+04	1.070E+05
-26	8.705E+04	9.404E+04	1.015E+05
-25	8.280E+04	8.935E+04	9.634E+04
-24	7.879E+04	8.493E+04	9.147E+04
-23	7.500E+04	8.075E+04	8.688E+04
-22	7.141E+04	7.681E+04	8.254E+04
-21	6.801E+04	7.308E+04	7.845E+04
-20	6.480E+04	6.955E+04	7.458E+04
-19	6.176E+04	6.622E+04	7.093E+04
-18	5.888E+04	6.306E+04	6.749E+04
-17	5.615E+04	6.008E+04	6.422E+04
-16	5.356E+04	5.725E+04	6.114E+04
-15	5.111E+04	5.457E+04	5.822E+04
-14	4.878E+04	5.204E+04	5.546E+04
-13	4.657E+04	4.963E+04	5.284E+04
-12	4.448E+04	4.735E+04	5.036E+04
-11	4.249E+04	4.519E+04	4.802E+04
-10	4.060E+04	4.314E+04	4.579E+04
-9	3.881E+04	4.119E+04	4.369E+04
-8	3.710E+04	3.935E+04	4.169E+04
-7	3.548E+04	3.759E+04	3.979E+04
-6	3.394E+04	3.593E+04	3.799E+04
-5	3.248E+04	3.434E+04	3.628E+04
-4	3.109E+04	3.284E+04	3.466E+04
-3	2.976E+04	3.141E+04	3.312E+04
-2	2.850E+04	3.005E+04	3.166E+04
-1	2.730E+04	2.876E+04	3.027E+04
0	2.616E+04	2.753E+04	2.895E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.616E+04	2.753E+04	2.895E+04
1	2.507E+04	2.636E+04	2.770E+04
2	2.403E+04	2.525E+04	2.650E+04
3	2.304E+04	2.419E+04	2.537E+04
4	2.210E+04	2.318E+04	2.429E+04
5	2.120E+04	2.222E+04	2.326E+04
6	2.034E+04	2.130E+04	2.228E+04
7	1.953E+04	2.042E+04	2.135E+04
8	1.874E+04	1.959E+04	2.046E+04
9	1.800E+04	1.880E+04	1.961E+04
10	1.729E+04	1.804E+04	1.880E+04
11	1.661E+04	1.731E+04	1.803E+04
12	1.596E+04	1.662E+04	1.730E+04
13	1.534E+04	1.596E+04	1.660E+04
14	1.475E+04	1.533E+04	1.593E+04
15	1.418E+04	1.473E+04	1.530E+04
16	1.364E+04	1.416E+04	1.469E+04
17	1.312E+04	1.361E+04	1.411E+04
18	1.262E+04	1.309E+04	1.355E+04
19	1.215E+04	1.258E+04	1.302E+04
20	1.170E+04	1.210E+04	1.252E+04
21	1.126E+04	1.165E+04	1.203E+04
22	1.085E+04	1.121E+04	1.157E+04
23	1.045E+04	1.079E+04	1.113E+04
24	1.007E+04	1.038E+04	1.070E+04
25	9.700E+03	1.000E+04	1.030E+04
26	9.336E+03	9.632E+03	9.928E+03
27	8.987E+03	9.279E+03	9.572E+03
28	8.653E+03	8.941E+03	9.230E+03
29	8.333E+03	8.617E+03	8.902E+03
30	8.027E+03	8.307E+03	8.588E+03
31	7.734E+03	8.009E+03	8.286E+03
32	7.453E+03	7.724E+03	7.997E+03
33	7.184E+03	7.451E+03	7.720E+03
34	6.926E+03	7.188E+03	7.453E+03
35	6.679E+03	6.937E+03	7.197E+03
36	6.442E+03	6.695E+03	6.952E+03
37	6.215E+03	6.463E+03	6.716E+03
38	5.997E+03	6.241E+03	6.489E+03
39	5.787E+03	6.027E+03	6.272E+03
40	5.586E+03	5.822E+03	6.062E+03
41	5.393E+03	5.625E+03	5.861E+03
42	5.208E+03	5.435E+03	5.667E+03
43	5.030E+03	5.253E+03	5.481E+03
44	4.859E+03	5.078E+03	5.302E+03
45	4.695E+03	4.910E+03	5.130E+03
46	4.537E+03	4.748E+03	4.964E+03
47	4.386E+03	4.592E+03	4.804E+03
48	4.240E+03	4.443E+03	4.651E+03
49	4.100E+03	4.299E+03	4.503E+03
50	3.965E+03	4.160E+03	4.361E+03

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B(T1℃/T2℃)	3380 K	B+TOLERANCE(K)	67.6	B-TOLERANCE(K)	67.6

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.965E+03	4.160E+03	4.361E+03
51	3.836E+03	4.027E+03	4.224E+03
52	3.711E+03	3.898E+03	4.092E+03
53	3.591E+03	3.775E+03	3.964E+03
54	3.475E+03	3.656E+03	3.842E+03
55	3.364E+03	3.541E+03	3.724E+03
56	3.257E+03	3.431E+03	3.610E+03
57	3.154E+03	3.324E+03	3.500E+03
58	3.055E+03	3.222E+03	3.394E+03
59	2.960E+03	3.123E+03	3.292E+03
60	2.867E+03	3.027E+03	3.193E+03
61	2.779E+03	2.936E+03	3.098E+03
62	2.693E+03	2.847E+03	3.007E+03
63	2.611E+03	2.762E+03	2.918E+03
64	2.532E+03	2.679E+03	2.833E+03
65	2.455E+03	2.600E+03	2.751E+03
66	2.381E+03	2.523E+03	2.671E+03
67	2.310E+03	2.449E+03	2.594E+03
68	2.241E+03	2.377E+03	2.520E+03
69	2.175E+03	2.308E+03	2.448E+03
70	2.111E+03	2.241E+03	2.378E+03
71	2.049E+03	2.177E+03	2.311E+03
72	1.989E+03	2.115E+03	2.246E+03
73	1.931E+03	2.054E+03	2.183E+03
74	1.875E+03	1.996E+03	2.123E+03
75	1.821E+03	1.940E+03	2.064E+03
76	1.769E+03	1.885E+03	2.007E+03
77	1.719E+03	1.833E+03	1.952E+03
78	1.670E+03	1.782E+03	1.899E+03
79	1.623E+03	1.733E+03	1.848E+03
80	1.578E+03	1.685E+03	1.798E+03
81	1.534E+03	1.639E+03	1.750E+03
82	1.492E+03	1.595E+03	1.704E+03
83	1.451E+03	1.552E+03	1.658E+03
84	1.411E+03	1.510E+03	1.615E+03
85	1.373E+03	1.470E+03	1.573E+03
86	1.335E+03	1.431E+03	1.532E+03
87	1.299E+03	1.393E+03	1.492E+03
88	1.265E+03	1.356E+03	1.453E+03
89	1.231E+03	1.321E+03	1.416E+03
90	1.198E+03	1.286E+03	1.380E+03
91	1.167E+03	1.253E+03	1.345E+03
92	1.136E+03	1.221E+03	1.311E+03
93	1.106E+03	1.189E+03	1.278E+03
94	1.077E+03	1.159E+03	1.246E+03
95	1.049E+03	1.130E+03	1.215E+03
96	1.022E+03	1.101E+03	1.185E+03
97	9.961E+02	1.073E+03	1.155E+03
98	9.707E+02	1.046E+03	1.127E+03
99	9.461E+02	1.020E+03	1.099E+03
100	9.222E+02	9.951E+02	1.073E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)