NTC THERMISTOR R-T CHARACTERISTICS

TYPE	ACA-30

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	79	B-TOLERANCE(K)	79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-30	8.255E+04	9.036E+04	9.882E+04
-29	7.763E+04	8.487E+04	9.269E+04
-28	7.304E+04	7.974E+04	8.698E+04
-27	6.876E+04	7.496E+04	8.166E+04
-26	6.475E+04	7.050E+04	7.670E+04
-25	6.100E+04	6.634E+04	7.207E+04
-24	5.749E+04	6.244E+04	6.776E+04
-23	5.421E+04	5.880E+04	6.373E+04
-22	5.114E+04	5.540E+04	5.996E+04
-21	4.826E+04	5.221E+04	5.644E+04
-20	4.556E+04	4.923E+04	5.315E+04
-19	4.302E+04	4.644E+04	5.008E+04
-18	4.065E+04	4.382E+04	4.720E+04
-17	3.842E+04	4.137E+04	4.450E+04
-16	3.633E+04	3.907E+04	4.198E+04
-15	3.436E+04	3.691E+04	3.961E+04
-14	3.251E+04	3.488E+04	3.739E+04
-13	3.078E+04	3.298E+04	3.531E+04
-12	2.915E+04	3.120E+04	3.336E+04
-11	2.761E+04	2.952E+04	3.153E+04
-10	2.616E+04	2.794E+04	2.981E+04
-9	2.480E+04	2.646E+04	2.820E+04
-8	2.352E+04	2.506E+04	2.668E+04
-7	2.232E+04	2.375E+04	2.525E+04
-6	2.118E+04	2.251E+04	2.391E+04
-5	2.010E+04	2.135E+04	2.265E+04
-4	1.909E+04	2.025E+04	2.146E+04
-3	1.813E+04	1.921E+04	2.034E+04
-2	1.723E+04	1.823E+04	1.928E+04
-1	1.637E+04	1.731E+04	1.829E+04
0	1.557E+04	1.644E+04	1.735E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.557E+04	1.644E+04	1.735E+04
1	1.480E+04	1.562E+04	1.647E+04
2	1.408E+04	1.484E+04	1.563E+04
3	1.340E+04	1.411E+04	1.484E+04
4	1.276E+04	1.342E+04	1.410E+04
5	1.215E+04	1.276E+04	1.340E+04
6	1.157E+04	1.215E+04	1.274E+04
7	1.102E+04	1.156E+04	1.211E+04
8	1.051E+04	1.101E+04	1.152E+04
9	1.002E+04	1.048E+04	1.096E+04
10	9.553E+03	9.987E+03	1.043E+04
11	9.113E+03	9.518E+03	9.933E+03
12	8.696E+03	9.074E+03	9.460E+03
13	8.300E+03	8.653E+03	9.012E+03
14	7.925E+03	8.253E+03	8.588E+03
15	7.569E+03	7.875E+03	8.186E+03
16	7.230E+03	7.516E+03	7.805E+03
17	6.909E+03	7.175E+03	7.444E+03
18	6.604E+03	6.852E+03	7.102E+03
19	6.314E+03	6.545E+03	6.778E+03
20	6.038E+03	6.253E+03	6.470E+03
21	5.776E+03	5.977E+03	6.178E+03
22	5.527E+03	5.714E+03	5.901E+03
23	5.290E+03	5.464E+03	5.638E+03
24	5.065E+03	5.226E+03	5.388E+03
25	4.850E+03	5.000E+03	5.150E+03
26	4.637E+03	4.785E+03	4.933E+03
27	4.435E+03	4.581E+03	4.726E+03
28	4.243E+03	4.386E+03	4.530E+03
29	4.060E+03	4.201E+03	4.342E+03
30	3.887E+03	4.024E+03	4.163E+03
31	3.721E+03	3.856E+03	3.993E+03
32	3.564E+03	3.696E+03	3.830E+03
33	3.414E+03	3.544E+03	3.675E+03
34	3.271E+03	3.398E+03	3.528E+03
35	3.135E+03	3.260E+03	3.386E+03
36	3.005E+03	3.127E+03	3.252E+03
37	2.882E+03	3.001E+03	3.123E+03
38	2.764E+03	2.881E+03	3.000E+03
39	2.651E+03	2.766E+03	2.883E+03
40	2.544E+03	2.656E+03	2.771E+03
41	2.442E+03	2.551E+03	2.664E+03
42	2.344E+03	2.451E+03	2.561E+03
43	2.251E+03	2.356E+03	2.463E+03
44	2.162E+03	2.264E+03	2.370E+03
45	2.077E+03	2.177E+03	2.280E+03
46	1.996E+03	2.093E+03	2.194E+03
47	1.918E+03	2.014E+03	2.112E+03
48	1.844E+03	1.937E+03	2.033E+03
49	1.773E+03	1.864E+03	1.958E+03
50	1.705E+03	1.794E+03	1.886E+03

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TYPE	ACA-30

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	5000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	79	B-TOLERANCE(K)	79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.705E+03	1.794E+03	1.886E+03
51	1.640E+03	1.727E+03	1.817E+03
52	1.578E+03	1.663E+03	1.751E+03
53	1.519E+03	1.602E+03	1.688E+03
54	1.462E+03	1.543E+03	1.627E+03
55	1.408E+03	1.487E+03	1.569E+03
56	1.356E+03	1.433E+03	1.513E+03
57	1.306E+03	1.381E+03	1.459E+03
58	1.258E+03	1.331E+03	1.408E+03
59	1.212E+03	1.284E+03	1.359E+03
60	1.168E+03	1.238E+03	1.311E+03
61	1.126E+03	1.195E+03	1.266E+03
62	1.086E+03	1.153E+03	1.222E+03
63	1.047E+03	1.112E+03	1.180E+03
64	1.010E+03	1.074E+03	1.140E+03
65	9.743E+02	1.036E+03	1.101E+03
66	9.401E+02	1.001E+03	1.064E+03
67	9.073E+02	9.664E+02	1.029E+03
68	8.758E+02	9.335E+02	9.942E+02
69	8.455E+02	9.019E+02	9.611E+02
70	8.164E+02	8.714E+02	9.293E+02
71	7.885E+02	8.422E+02	8.987E+02
72	7.617E+02	8.141E+02	8.693E+02
73	7.359E+02	7.871E+02	8.410E+02
74	7.111E+02	7.610E+02	8.138E+02
75	6.873E+02	7.360E+02	7.875E+02
76	6.644E+02	7.119E+02	7.622E+02
77	6.423E+02	6.888E+02	7.379E+02
78	6.211E+02	6.665E+02	7.145E+02
79	6.007E+02	6.450E+02	6.919E+02
80	5.811E+02	6.243E+02	6.701E+02
81	5.622E+02	6.044E+02	6.491E+02
82	5.440E+02	5.852E+02	6.289E+02
83	5.265E+02	5.667E+02	6.094E+02
84	5.096E+02	5.488E+02	5.906E+02
85	4.933E+02	5.317E+02	5.725E+02
86	4.777E+02	5.151E+02	5.550E+02
87	4.626E+02	4.992E+02	5.381E+02
88	4.481E+02	4.838E+02	5.219E+02
89	4.341E+02	4.689E+02	5.062E+02
90	4.206E+02	4.546E+02	4.910E+02
91	4.076E+02	4.408E+02	4.764E+02
92	3.950E+02	4.275E+02	4.623E+02
93	3.829E+02	4.147E+02	4.487E+02
94	3.713E+02	4.023E+02	4.355E+02
95	3.600E+02	3.903E+02	4.228E+02
96	3.491E+02	3.788E+02	4.105E+02
97	3.387E+02	3.676E+02	3.986E+02
98	3.285E+02	3.568E+02	3.872E+02
99	3.187E+02	3.464E+02	3.761E+02
100	3.093E+02	3.363E+02	3.653E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)