NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-3U303F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	30000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	8.828E+05	9.253E+05	9.697E+05
-39	8.293E+05	8.686E+05	9.096E+05
-38	7.794E+05	8.157E+05	8.537E+05
-37	7.328E+05	7.664E+05	8.014E+05
-36	6.892E+05	7.203E+05	7.527E+05
-35	6.484E+05	6.772E+05	7.072E+05
-34	6.103E+05	6.369E+05	6.647E+05
-33	5.746E+05	5.993E+05	6.249E+05
-32	5.412E+05	5.641E+05	5.878E+05
-31	5.099E+05	5.311E+05	5.531E+05
-30	4.806E+05	5.003E+05	5.206E+05
-29	4.532E+05	4.714E+05	4.902E+05
-28	4.274E+05	4.443E+05	4.618E+05
-27	4.033E+05	4.189E+05	4.351E+05
-26	3.807E+05	3.952E+05	4.102E+05
-25	3.594E+05	3.729E+05	3.868E+05
-24	3.395E+05	3.519E+05	3.648E+05
-23	3.207E+05	3.323E+05	3.443E+05
-22	3.031E+05	3.139E+05	3.250E+05
-21	2.866E+05	2.965E+05	3.068E+05
-20	2.710E+05	2.803E+05	2.898E+05
-19	2.564E+05	2.650E+05	2.739E+05
-18	2.426E+05	2.506E+05	2.589E+05
-17	2.297E+05	2.371E+05	2.448E+05
-16	2.175E+05	2.244E+05	2.315E+05
-15	2.060E+05	2.124E+05	2.190E+05
-14	1.952E+05	2.012E+05	2.073E+05
-13	1.850E+05	1.906E+05	1.962E+05
-12	1.754E+05	1.806E+05	1.858E+05
-11	1.664E+05	1.711E+05	1.760E+05
-10	1.578E+05	1.623E+05	1.668E+05
-9	1.498E+05	1.539E+05	1.581E+05
-8	1.422E+05	1.460E+05	1.499E+05
-7	1.350E+05	1.385E+05	1.422E+05
-6	1.282E+05	1.315E+05	1.349E+05
-5	1.218E+05	1.248E+05	1.280E+05
-4	1.157E+05	1.186E+05	1.215E+05
-3	1.100E+05	1.127E+05	1.154E+05
-2	1.046E+05	1.071E+05	1.096E+05
-1	9.951E+04	1.018E+05	1.041E+05
0	9.467E+04	9.680E+04	9.896E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.467E+04	9.680E+04	9.896E+04
1	9.011E+04	9.208E+04	9.408E+04
2	8.578E+04	8.761E+04	8.947E+04
3	8.169E+04	8.339E+04	8.511E+04
4	7.781E+04	7.939E+04	8.099E+04
5	7.413E+04	7.560E+04	7.709E+04
6	7.065E+04	7.201E+04	7.339E+04
7	6.735E+04	6.861E+04	6.989E+04
8	6.422E+04	6.539E+04	6.657E+04
9	6.125E+04	6.233E+04	6.343E+04
10	5.843E+04	5.944E+04	6.045E+04
11	5.576E+04	5.669E+04	5.763E+04
12	5.322E+04	5.408E+04	5.495E+04
13	5.081E+04	5.161E+04	5.242E+04
14	4.852E+04	4.926E+04	5.001E+04
15	4.635E+04	4.703E+04	4.772E+04
16	4.428E+04	4.491E+04	4.555E+04
17	4.232E+04	4.290E+04	4.349E+04
18	4.045E+04	4.099E+04	4.153E+04
19	3.868E+04	3.918E+04	3.968E+04
20	3.699E+04	3.745E+04	3.791E+04
21	3.539E+04	3.581E+04	3.623E+04
22	3.386E+04	3.425E+04	3.463E+04
23	3.240E+04	3.276E+04	3.312E+04
24	3.102E+04	3.135E+04	3.167E+04
25	2.970E+04	3.000E+04	3.030E+04
26	2.842E+04	2.872E+04	2.902E+04
27	2.720E+04	2.750E+04	2.780E+04
28	2.604E+04	2.634E+04	2.663E+04
29	2.493E+04	2.523E+04	2.553E+04
30	2.388E+04	2.417E+04	2.447E+04
31	2.288E+04	2.317E+04	2.346E+04
32	2.192E+04	2.221E+04	2.250E+04
33	2.101E+04	2.130E+04	2.158E+04
34	2.014E+04	2.042E+04	2.071E+04
35	1.931E+04	1.959E+04	1.987E+04
36	1.852E+04	1.880E+04	1.908E+04
37	1.777E+04	1.804E+04	1.831E+04
38	1.705E+04	1.732E+04	1.759E+04
39	1.636E+04	1.663E+04	1.689E+04
40	1.571E+04	1.597E+04	1.623E+04
41	1.508E+04	1.533E+04	1.559E+04
42	1.448E+04	1.473E+04	1.499E+04
43	1.391E+04	1.416E+04	1.441E+04
44	1.336E+04	1.360E+04	1.385E+04
45	1.284E+04	1.308E+04	1.332E+04
46	1.234E+04	1.257E+04	1.281E+04
47	1.186E+04	1.209E+04	1.232E+04
48	1.140E+04	1.163E+04	1.186E+04
49	1.097E+04	1.119E+04	1.141E+04
50	1.055E+04	1.076E+04	1.098E+04

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B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.055E+04	1.076E+04	1.098E+04
51	1.015E+04	1.036E+04	1.057E+04
52	9.764E+03	9.972E+03	1.018E+04
53	9.397E+03	9.600E+03	9.807E+03
54	9.045E+03	9.244E+03	9.447E+03
55	8.708E+03	8.903E+03	9.102E+03
56	8.385E+03	8.576E+03	8.771E+03
57	8.076E+03	8.263E+03	8.453E+03
58	7.780E+03	7.963E+03	8.149E+03
59	7.495E+03	7.675E+03	7.857E+03
60	7.223E+03	7.398E+03	7.577E+03
61	6.962E+03	7.133E+03	7.308E+03
62	6.712E+03	6.879E+03	7.050E+03
63	6.471E+03	6.635E+03	6.803E+03
64	6.241E+03	6.401E+03	6.565E+03
65	6.019E+03	6.176E+03	6.336E+03
66	5.807E+03	5.960E+03	6.117E+03
67	5.603E+03	5.753E+03	5.906E+03
68	5.407E+03	5.554E+03	5.704E+03
69	5.219E+03	5.362E+03	5.509E+03
70	5.038E+03	5.178E+03	5.322E+03
71	4.865E+03	5.002E+03	5.142E+03
72	4.698E+03	4.832E+03	4.969E+03
73	4.538E+03	4.668E+03	4.803E+03
74	4.383E+03	4.511E+03	4.642E+03
75	4.235E+03	4.360E+03	4.488E+03
76	4.093E+03	4.215E+03	4.340E+03
77	3.955E+03	4.075E+03	4.197E+03
78	3.824E+03	3.940E+03	4.060E+03
79	3.697E+03	3.810E+03	3.928E+03
80	3.574E+03	3.686E+03	3.800E+03
81	3.457E+03	3.565E+03	3.677E+03
82	3.343E+03	3.450E+03	3.559E+03
83	3.234E+03	3.338E+03	3.445E+03
84	3.129E+03	3.231E+03	3.335E+03
85	3.028E+03	3.127E+03	3.229E+03
86	2.930E+03	3.027E+03	3.127E+03
87	2.836E+03	2.931E+03	3.029E+03
88	2.746E+03	2.838E+03	2.934E+03
89	2.659E+03	2.749E+03	2.842E+03
90	2.575E+03	2.663E+03	2.754E+03
91	2.494E+03	2.580E+03	2.669E+03
92	2.415E+03	2.500E+03	2.587E+03
93	2.340E+03	2.423E+03	2.508E+03
94	2.267E+03	2.348E+03	2.431E+03
95	2.197E+03	2.276E+03	2.357E+03
96	2.130E+03	2.207E+03	2.286E+03
97	2.064E+03	2.140E+03	2.217E+03
98	2.001E+03	2.075E+03	2.151E+03
99	1.941E+03	2.012E+03	2.087E+03
100	1.882E+03	1.952E+03	2.025E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.882E+03	1.952E+03	2.025E+03
101	1.825E+03	1.894E+03	1.965E+03
102	1.771E+03	1.838E+03	1.907E+03
103	1.718E+03	1.783E+03	1.851E+03
104	1.667E+03	1.731E+03	1.798E+03
105	1.617E+03	1.680E+03	1.745E+03
106	1.570E+03	1.631E+03	1.695E+03
107	1.524E+03	1.584E+03	1.646E+03
108	1.479E+03	1.538E+03	1.599E+03
109	1.436E+03	1.494E+03	1.553E+03
110	1.395E+03	1.451E+03	1.509E+03