NTC THERMISTOR R-T CHARACTERISTICS

TYPE	CH25-3U104F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	100000 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	2.943E+06	3.084E+06	3.232E+06
-39	2.764E+06	2.895E+06	3.032E+06
-38	2.598E+06	2.719E+06	2.846E+06
-37	2.443E+06	2.555E+06	2.671E+06
-36	2.297E+06	2.401E+06	2.509E+06
-35	2.161E+06	2.257E+06	2.357E+06
-34	2.034E+06	2.123E+06	2.216E+06
-33	1.915E+06	1.998E+06	2.083E+06
-32	1.804E+06	1.880E+06	1.959E+06
-31	1.700E+06	1.770E+06	1.844E+06
-30	1.602E+06	1.668E+06	1.735E+06
-29	1.511E+06	1.571E+06	1.634E+06
-28	1.425E+06	1.481E+06	1.539E+06
-27	1.344E+06	1.396E+06	1.450E+06
-26	1.269E+06	1.317E+06	1.367E+06
-25	1.198E+06	1.243E+06	1.289E+06
-24	1.132E+06	1.173E+06	1.216E+06
-23	1.069E+06	1.108E+06	1.148E+06
-22	1.010E+06	1.046E+06	1.083E+06
-21	9.552E+05	9.885E+05	1.023E+06
-20	9.034E+05	9.343E+05	9.661E+05
-19	8.547E+05	8.833E+05	9.129E+05
-18	8.088E+05	8.354E+05	8.629E+05
-17	7.657E+05	7.904E+05	8.158E+05
-16	7.251E+05	7.480E+05	7.716E+05
-15	6.868E+05	7.081E+05	7.300E+05
-14	6.508E+05	6.706E+05	6.909E+05
-13	6.168E+05	6.352E+05	6.541E+05
-12	5.848E+05	6.019E+05	6.194E+05
-11	5.546E+05	5.705E+05	5.868E+05
-10	5.261E+05	5.409E+05	5.560E+05
-9	4.992E+05	5.129E+05	5.270E+05
-8	4.738E+05	4.866E+05	4.996E+05
-7	4.499E+05	4.617E+05	4.738E+05
-6	4.273E+05	4.383E+05	4.495E+05
-5	4.059E+05	4.162E+05	4.266E+05
-4	3.858E+05	3.953E+05	4.050E+05
-3	3.667E+05	3.756E+05	3.845E+05
-2	3.487E+05	3.569E+05	3.653E+05
-1	3.317E+05	3.393E+05	3.471E+05
0	3.156E+05	3.227E+05	3.299E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.156E+05	3.227E+05	3.299E+05
1	3.004E+05	3.069E+05	3.136E+05
2	2.859E+05	2.920E+05	2.982E+05
3	2.723E+05	2.780E+05	2.837E+05
4	2.594E+05	2.646E+05	2.700E+05
5	2.471E+05	2.520E+05	2.570E+05
6	2.355E+05	2.400E+05	2.446E+05
7	2.245E+05	2.287E+05	2.330E+05
8	2.141E+05	2.180E+05	2.219E+05
9	2.042E+05	2.078E+05	2.114E+05
10	1.948E+05	1.981E+05	2.015E+05
11	1.859E+05	1.890E+05	1.921E+05
12	1.774E+05	1.803E+05	1.832E+05
13	1.694E+05	1.720E+05	1.747E+05
14	1.617E+05	1.642E+05	1.667E+05
15	1.545E+05	1.568E+05	1.591E+05
16	1.476E+05	1.497E+05	1.518E+05
17	1.411E+05	1.430E+05	1.450E+05
18	1.348E+05	1.366E+05	1.384E+05
19	1.289E+05	1.306E+05	1.323E+05
20	1.233E+05	1.248E+05	1.264E+05
21	1.180E+05	1.194E+05	1.208E+05
22	1.129E+05	1.142E+05	1.154E+05
23	1.080E+05	1.092E+05	1.104E+05
24	1.034E+05	1.045E+05	1.056E+05
25	9.900E+04	1.000E+05	1.010E+05
26	9.473E+04	9.573E+04	9.673E+04
27	9.067E+04	9.166E+04	9.266E+04
28	8.680E+04	8.779E+04	8.878E+04
29	8.311E+04	8.410E+04	8.509E+04
30	7.960E+04	8.058E+04	8.156E+04
31	7.626E+04	7.723E+04	7.821E+04
32	7.307E+04	7.403E+04	7.500E+04
33	7.003E+04	7.099E+04	7.195E+04
34	6.714E+04	6.808E+04	6.903E+04
35	6.438E+04	6.531E+04	6.625E+04
36	6.174E+04	6.266E+04	6.359E+04
37	5.923E+04	6.014E+04	6.105E+04
38	5.683E+04	5.772E+04	5.862E+04
39	5.454E+04	5.542E+04	5.631E+04
40	5.235E+04	5.322E+04	5.409E+04
41	5.026E+04	5.112E+04	5.198E+04
42	4.827E+04	4.911E+04	4.995E+04
43	4.636E+04	4.718E+04	4.802E+04
44	4.454E+04	4.535E+04	4.617E+04
45	4.280E+04	4.359E+04	4.439E+04
46	4.113E+04	4.191E+04	4.270E+04
47	3.954E+04	4.030E+04	4.108E+04
48	3.801E+04	3.876E+04	3.952E+04
49	3.656E+04	3.729E+04	3.804E+04
50	3.516E+04	3.588E+04	3.661E+04

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R at T0℃	100000 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)
50	3.516E+04	3.588E+04	3.661E+04
51	3.383E+04	3.453E+04	3.525E+04
52	3.255E+04	3.324E+04	3.394E+04
53	3.132E+04	3.200E+04	3.269E+04
54	3.015E+04	3.081E+04	3.149E+04
55	2.903E+04	2.968E+04	3.034E+04
56	2.795E+04	2.859E+04	2.924E+04
57	2.692E+04	2.754E+04	2.818E+04
58	2.593E+04	2.654E+04	2.716E+04
59	2.498E+04	2.558E+04	2.619E+04
60	2.408E+04	2.466E+04	2.526E+04
61	2.321E+04	2.378E+04	2.436E+04
62	2.237E+04	2.293E+04	2.350E+04
63	2.157E+04	2.212E+04	2.268E+04
64	2.080E+04	2.134E+04	2.188E+04
65	2.006E+04	2.059E+04	2.112E+04
66	1.936E+04	1.987E+04	2.039E+04
67	1.868E+04	1.918E+04	1.969E+04
68	1.802E+04	1.851E+04	1.901E+04
69	1.740E+04	1.787E+04	1.836E+04
70	1.679E+04	1.726E+04	1.774E+04
71	1.622E+04	1.667E+04	1.714E+04
72	1.566E+04	1.611E+04	1.656E+04
73	1.513E+04	1.556E+04	1.601E+04
74	1.461E+04	1.504E+04	1.547E+04
75	1.412E+04	1.453E+04	1.496E+04
76	1.364E+04	1.405E+04	1.447E+04
77	1.318E+04	1.358E+04	1.399E+04
78	1.275E+04	1.313E+04	1.353E+04
79	1.232E+04	1.270E+04	1.309E+04
80	1.191E+04	1.229E+04	1.267E+04
81	1.152E+04	1.188E+04	1.226E+04
82	1.114E+04	1.150E+04	1.186E+04
83	1.078E+04	1.113E+04	1.148E+04
84	1.043E+04	1.077E+04	1.112E+04
85	1.009E+04	1.042E+04	1.076E+04
86	9.768E+03	1.009E+04	1.042E+04
87	9.455E+03	9.770E+03	1.010E+04
88	9.153E+03	9.462E+03	9.780E+03
89	8.862E+03	9.164E+03	9.475E+03
90	8.582E+03	8.877E+03	9.181E+03
91	8.312E+03	8.600E+03	8.897E+03
92	8.051E+03	8.333E+03	8.623E+03
93	7.800E+03	8.075E+03	8.359E+03
94	7.558E+03	7.827E+03	8.104E+03
95	7.324E+03	7.587E+03	7.858E+03
96	7.099E+03	7.355E+03	7.621E+03
97	6.881E+03	7.132E+03	7.391E+03
98	6.671E+03	6.916E+03	7.170E+03
99	6.469E+03	6.708E+03	6.956E+03
100	6.273E+03	6.507E+03	6.750E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.273E+03	6.507E+03	6.750E+03
101	6.084E+03	6.313E+03	6.550E+03
102	5.902E+03	6.126E+03	6.358E+03
103	5.726E+03	5.945E+03	6.172E+03
104	5.556E+03	5.770E+03	5.992E+03
105	5.392E+03	5.601E+03	5.818E+03
106	5.233E+03	5.437E+03	5.649E+03
107	5.079E+03	5.279E+03	5.487E+03
108	4.931E+03	5.127E+03	5.329E+03
109	4.788E+03	4.979E+03	5.177E+03
110	4.649E+03	4.836E+03	5.030E+03