NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RH18-3U104F*

T0(℃)	T1(℃)	T2(℃)
25	25	85

R at T0℃	100000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	4024 K	B+TOLERANCE(K)	40.24	B-TOLERANCE(K)	40.24

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.941E+06	3.084E+06	3.235E+06
-39	2.763E+06	2.895E+06	3.034E+06
-38	2.596E+06	2.719E+06	2.847E+06
-37	2.441E+06	2.555E+06	2.673E+06
-36	2.296E+06	2.401E+06	2.511E+06
-35	2.160E+06	2.257E+06	2.359E+06
-34	2.033E+06	2.123E+06	2.217E+06
-33	1.914E+06	1.998E+06	2.084E+06
-32	1.803E+06	1.880E+06	1.961E+06
-31	1.699E+06	1.770E+06	1.845E+06
-30	1.601E+06	1.668E+06	1.736E+06
-29	1.510E+06	1.571E+06	1.635E+06
-28	1.424E+06	1.481E+06	1.540E+06
-27	1.344E+06	1.396E+06	1.451E+06
-26	1.268E+06	1.317E+06	1.368E+06
-25	1.197E+06	1.243E+06	1.290E+06
-24	1.131E+06	1.173E+06	1.217E+06
-23	1.069E+06	1.108E+06	1.148E+06
-22	1.010E+06	1.046E+06	1.084E+06
-21	9.548E+05	9.885E+05	1.023E+06
-20	9.030E+05	9.343E+05	9.665E+05
-19	8.543E+05	8.833E+05	9.133E+05
-18	8.085E+05	8.354E+05	8.632E+05
-17	7.654E+05	7.904E+05	8.162E+05
-16	7.248E+05	7.480E+05	7.719E+05
-15	6.865E+05	7.081E+05	7.303E+05
-14	6.505E+05	6.706E+05	6.912E+05
-13	6.166E+05	6.352E+05	6.543E+05
-12	5.846E+05	6.019E+05	6.196E+05
-11	5.544E+05	5.705E+05	5.870E+05
-10	5.259E+05	5.409E+05	5.562E+05
-9	4.991E+05	5.129E+05	5.271E+05
-8	4.737E+05	4.866E+05	4.998E+05
-7	4.498E+05	4.617E+05	4.740E+05
-6	4.272E+05	4.383E+05	4.497E+05
-5	4.058E+05	4.162E+05	4.267E+05
-4	3.857E+05	3.953E+05	4.051E+05
-3	3.666E+05	3.756E+05	3.846E+05
-2	3.486E+05	3.569E+05	3.654E+05
-1	3.316E+05	3.393E+05	3.471E+05
0	3.155E+05	3.227E+05	3.299E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.155E+05	3.227E+05	3.299E+05
1	3.003E+05	3.069E+05	3.137E+05
2	2.859E+05	2.920E+05	2.983E+05
3	2.722E+05	2.780E+05	2.838E+05
4	2.593E+05	2.646E+05	2.700E+05
5	2.471E+05	2.520E+05	2.570E+05
6	2.355E+05	2.400E+05	2.447E+05
7	2.245E+05	2.287E+05	2.330E+05
8	2.140E+05	2.180E+05	2.219E+05
9	2.041E+05	2.078E+05	2.115E+05
10	1.947E+05	1.981E+05	2.015E+05
11	1.858E+05	1.890E+05	1.921E+05
12	1.774E+05	1.803E+05	1.832E+05
13	1.693E+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	1.385E+05
19	1.289E+05	1.306E+05	1.323E+05
20	1.233E+05	1.248E+05	1.264E+05
21	1.179E+05	1.194E+05	1.208E+05
22	1.129E+05	1.142E+05	1.155E+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	9.066E+04	9.166E+04	9.266E+04
28	8.679E+04	8.779E+04	8.879E+04
29	8.311E+04	8.410E+04	8.509E+04
30	7.960E+04	8.058E+04	8.157E+04
31	7.625E+04	7.723E+04	7.821E+04
32	7.307E+04	7.403E+04	7.501E+04
33	7.003E+04	7.099E+04	7.195E+04
34	6.713E+04	6.808E+04	6.903E+04
35	6.437E+04	6.531E+04	6.625E+04
36	6.174E+04	6.266E+04	6.359E+04
37	5.922E+04	6.014E+04	6.105E+04
38	5.683E+04	5.772E+04	5.863E+04
39	5.453E+04	5.542E+04	5.631E+04
40	5.235E+04	5.322E+04	5.410E+04
41	5.026E+04	5.112E+04	5.198E+04
42	4.826E+04	4.911E+04	4.996E+04
43	4.635E+04	4.718E+04	4.802E+04
44	4.453E+04	4.535E+04	4.617E+04
45	4.279E+04	4.359E+04	4.440E+04
46	4.112E+04	4.191E+04	4.271E+04
47	3.953E+04	4.030E+04	4.108E+04
48	3.801E+04	3.876E+04	3.953E+04
49	3.655E+04	3.729E+04	3.804E+04
50	3.515E+04	3.588E+04	3.662E+04

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B(T1℃/T2℃)	4024 K	B+TOLERANCE(K)	40.24	B-TOLERANCE(K)	40.24

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.515E+04	3.588E+04	3.662E+04
51	3.382E+04	3.453E+04	3.526E+04
52	3.254E+04	3.324E+04	3.395E+04
53	3.132E+04	3.200E+04	3.270E+04
54	3.014E+04	3.081E+04	3.150E+04
55	2.902E+04	2.968E+04	3.035E+04
56	2.794E+04	2.859E+04	2.924E+04
57	2.691E+04	2.754E+04	2.819E+04
58	2.593E+04	2.654E+04	2.717E+04
59	2.498E+04	2.558E+04	2.620E+04
60	2.407E+04	2.466E+04	2.526E+04
61	2.320E+04	2.378E+04	2.437E+04
62	2.237E+04	2.293E+04	2.351E+04
63	2.156E+04	2.212E+04	2.268E+04
64	2.080E+04	2.134E+04	2.189E+04
65	2.006E+04	2.059E+04	2.113E+04
66	1.935E+04	1.987E+04	2.040E+04
67	1.867E+04	1.918E+04	1.969E+04
68	1.802E+04	1.851E+04	1.902E+04
69	1.739E+04	1.787E+04	1.837E+04
70	1.679E+04	1.726E+04	1.774E+04
71	1.621E+04	1.667E+04	1.715E+04
72	1.565E+04	1.611E+04	1.657E+04
73	1.512E+04	1.556E+04	1.601E+04
74	1.461E+04	1.504E+04	1.548E+04
75	1.411E+04	1.453E+04	1.497E+04
76	1.364E+04	1.405E+04	1.447E+04
77	1.318E+04	1.358E+04	1.400E+04
78	1.274E+04	1.313E+04	1.354E+04
79	1.232E+04	1.270E+04	1.310E+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	1.187E+04
83	1.078E+04	1.113E+04	1.149E+04
84	1.043E+04	1.077E+04	1.112E+04
85	1.009E+04	1.042E+04	1.077E+04
86	9.764E+03	1.009E+04	1.043E+04
87	9.451E+03	9.770E+03	1.010E+04
88	9.149E+03	9.462E+03	9.784E+03
89	8.858E+03	9.164E+03	9.479E+03
90	8.578E+03	8.877E+03	9.185E+03
91	8.308E+03	8.600E+03	8.901E+03
92	8.048E+03	8.333E+03	8.627E+03
93	7.797E+03	8.075E+03	8.363E+03
94	7.554E+03	7.827E+03	8.108E+03
95	7.321E+03	7.587E+03	7.862E+03
96	7.095E+03	7.355E+03	7.624E+03
97	6.878E+03	7.132E+03	7.395E+03
98	6.668E+03	6.916E+03	7.174E+03
99	6.465E+03	6.708E+03	6.960E+03
100	6.270E+03	6.507E+03	6.753E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.270E+03	6.507E+03	6.753E+03
101	6.081E+03	6.313E+03	6.554E+03
102	5.899E+03	6.126E+03	6.361E+03
103	5.723E+03	5.945E+03	6.175E+03
104	5.553E+03	5.770E+03	5.995E+03
105	5.389E+03	5.601E+03	5.821E+03
106	5.230E+03	5.437E+03	5.652E+03
107	5.077E+03	5.279E+03	5.490E+03
108	4.928E+03	5.127E+03	5.332E+03
109	4.785E+03	4.979E+03	5.180E+03
110	4.646E+03	4.836E+03	5.033E+03