NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RM16-4A104H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	100000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	4020 K	B+TOLERANCE(K)	120.6	B-TOLERANCE(K)	120.6

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.814E+06	3.247E+06	3.744E+06
-39	2.644E+06	3.045E+06	3.503E+06
-38	2.486E+06	2.856E+06	3.279E+06
-37	2.338E+06	2.681E+06	3.070E+06
-36	2.200E+06	2.517E+06	2.876E+06
-35	2.071E+06	2.364E+06	2.696E+06
-34	1.950E+06	2.221E+06	2.528E+06
-33	1.837E+06	2.088E+06	2.371E+06
-32	1.731E+06	1.964E+06	2.225E+06
-31	1.632E+06	1.847E+06	2.089E+06
-30	1.539E+06	1.739E+06	1.962E+06
-29	1.452E+06	1.637E+06	1.844E+06
-28	1.371E+06	1.542E+06	1.734E+06
-27	1.294E+06	1.453E+06	1.630E+06
-26	1.222E+06	1.370E+06	1.534E+06
-25	1.155E+06	1.292E+06	1.443E+06
-24	1.091E+06	1.218E+06	1.359E+06
-23	1.032E+06	1.149E+06	1.279E+06
-22	9.755E+05	1.085E+06	1.205E+06
-21	9.227E+05	1.024E+06	1.136E+06
-20	8.730E+05	9.671E+05	1.070E+06
-19	8.262E+05	9.135E+05	1.009E+06
-18	7.821E+05	8.631E+05	9.517E+05
-17	7.406E+05	8.158E+05	8.979E+05
-16	7.015E+05	7.714E+05	8.475E+05
-15	6.647E+05	7.296E+05	8.001E+05
-14	6.301E+05	6.903E+05	7.557E+05
-13	5.974E+05	6.534E+05	7.139E+05
-12	5.666E+05	6.186E+05	6.747E+05
-11	5.376E+05	5.859E+05	6.379E+05
-10	5.102E+05	5.551E+05	6.033E+05
-9	4.844E+05	5.261E+05	5.708E+05
-8	4.601E+05	4.988E+05	5.403E+05
-7	4.370E+05	4.730E+05	5.115E+05
-6	4.153E+05	4.487E+05	4.844E+05
-5	3.947E+05	4.258E+05	4.588E+05
-4	3.753E+05	4.041E+05	4.348E+05
-3	3.569E+05	3.837E+05	4.121E+05
-2	3.395E+05	3.643E+05	3.907E+05
-1	3.230E+05	3.461E+05	3.705E+05
0	3.074E+05	3.289E+05	3.515E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.074E+05	3.289E+05	3.515E+05
1	2.926E+05	3.125E+05	3.335E+05
2	2.786E+05	2.971E+05	3.165E+05
3	2.654E+05	2.825E+05	3.005E+05
4	2.528E+05	2.687E+05	2.854E+05
5	2.409E+05	2.557E+05	2.712E+05
6	2.297E+05	2.434E+05	2.577E+05
7	2.190E+05	2.317E+05	2.449E+05
8	2.088E+05	2.206E+05	2.329E+05
9	1.992E+05	2.102E+05	2.215E+05
10	1.901E+05	2.002E+05	2.107E+05
11	1.815E+05	1.908E+05	2.005E+05
12	1.733E+05	1.819E+05	1.909E+05
13	1.655E+05	1.735E+05	1.818E+05
14	1.580E+05	1.655E+05	1.731E+05
15	1.510E+05	1.579E+05	1.649E+05
16	1.443E+05	1.507E+05	1.572E+05
17	1.380E+05	1.438E+05	1.498E+05
18	1.319E+05	1.373E+05	1.428E+05
19	1.261E+05	1.311E+05	1.362E+05
20	1.207E+05	1.253E+05	1.299E+05
21	1.155E+05	1.197E+05	1.240E+05
22	1.105E+05	1.144E+05	1.183E+05
23	1.058E+05	1.094E+05	1.129E+05
24	1.013E+05	1.046E+05	1.078E+05
25	9.700E+04	1.000E+05	1.030E+05
26	9.267E+04	9.566E+04	9.867E+04
27	8.855E+04	9.153E+04	9.454E+04
28	8.464E+04	8.761E+04	9.060E+04
29	8.091E+04	8.386E+04	8.684E+04
30	7.737E+04	8.030E+04	8.326E+04
31	7.401E+04	7.691E+04	7.985E+04
32	7.080E+04	7.367E+04	7.659E+04
33	6.775E+04	7.059E+04	7.348E+04
34	6.485E+04	6.765E+04	7.051E+04
35	6.209E+04	6.485E+04	6.768E+04
36	5.945E+04	6.218E+04	6.497E+04
37	5.694E+04	5.963E+04	6.239E+04
38	5.455E+04	5.720E+04	5.992E+04
39	5.227E+04	5.488E+04	5.756E+04
40	5.010E+04	5.266E+04	5.530E+04
41	4.802E+04	5.054E+04	5.314E+04
42	4.604E+04	4.851E+04	5.107E+04
43	4.415E+04	4.658E+04	4.910E+04
44	4.235E+04	4.473E+04	4.720E+04
45	4.063E+04	4.297E+04	4.540E+04
46	3.899E+04	4.128E+04	4.366E+04
47	3.742E+04	3.967E+04	4.201E+04
48	3.592E+04	3.812E+04	4.042E+04
49	3.449E+04	3.665E+04	3.890E+04
50	3.313E+04	3.524E+04	3.745E+04

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25	25	50

R at T0℃	100000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	4020 K	B+TOLERANCE(K)	120.6	B-TOLERANCE(K)	120.6

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.313E+04	3.524E+04	3.745E+04
51	3.182E+04	3.389E+04	3.605E+04
52	3.057E+04	3.260E+04	3.472E+04
53	2.938E+04	3.136E+04	3.344E+04
54	2.824E+04	3.018E+04	3.222E+04
55	2.715E+04	2.904E+04	3.104E+04
56	2.610E+04	2.796E+04	2.991E+04
57	2.511E+04	2.692E+04	2.883E+04
58	2.415E+04	2.592E+04	2.780E+04
59	2.324E+04	2.497E+04	2.680E+04
60	2.236E+04	2.405E+04	2.585E+04
61	2.152E+04	2.318E+04	2.493E+04
62	2.072E+04	2.233E+04	2.406E+04
63	1.995E+04	2.153E+04	2.321E+04
64	1.921E+04	2.075E+04	2.240E+04
65	1.851E+04	2.001E+04	2.162E+04
66	1.783E+04	1.930E+04	2.088E+04
67	1.718E+04	1.862E+04	2.016E+04
68	1.655E+04	1.796E+04	1.947E+04
69	1.596E+04	1.733E+04	1.880E+04
70	1.538E+04	1.672E+04	1.816E+04
71	1.483E+04	1.614E+04	1.755E+04
72	1.430E+04	1.558E+04	1.696E+04
73	1.380E+04	1.504E+04	1.639E+04
74	1.331E+04	1.453E+04	1.584E+04
75	1.284E+04	1.403E+04	1.532E+04
76	1.239E+04	1.355E+04	1.481E+04
77	1.196E+04	1.310E+04	1.432E+04
78	1.155E+04	1.265E+04	1.385E+04
79	1.115E+04	1.223E+04	1.340E+04
80	1.077E+04	1.182E+04	1.297E+04
81	1.040E+04	1.143E+04	1.255E+04
82	1.004E+04	1.105E+04	1.214E+04
83	9.701E+03	1.068E+04	1.175E+04
84	9.373E+03	1.033E+04	1.138E+04
85	9.058E+03	9.993E+03	1.101E+04
86	8.754E+03	9.667E+03	1.067E+04
87	8.463E+03	9.354E+03	1.033E+04
88	8.182E+03	9.052E+03	1.000E+04
89	7.912E+03	8.761E+03	9.692E+03
90	7.652E+03	8.481E+03	9.391E+03
91	7.402E+03	8.211E+03	9.101E+03
92	7.161E+03	7.951E+03	8.821E+03
93	6.929E+03	7.701E+03	8.551E+03
94	6.706E+03	7.459E+03	8.290E+03
95	6.491E+03	7.226E+03	8.038E+03
96	6.283E+03	7.001E+03	7.795E+03
97	6.083E+03	6.784E+03	7.560E+03
98	5.890E+03	6.575E+03	7.333E+03
99	5.704E+03	6.373E+03	7.114E+03
100	5.525E+03	6.178E+03	6.902E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	5.525E+03	6.178E+03	6.902E+03
101	5.352E+03	5.990E+03	6.698E+03
102	5.185E+03	5.808E+03	6.500E+03
103	5.024E+03	5.633E+03	6.309E+03
104	4.869E+03	5.463E+03	6.125E+03
105	4.719E+03	5.299E+03	5.946E+03
106	4.574E+03	5.141E+03	5.773E+03
107	4.434E+03	4.988E+03	5.606E+03
108	4.299E+03	4.841E+03	5.445E+03
109	4.169E+03	4.698E+03	5.289E+03
110	4.043E+03	4.560E+03	5.137E+03