NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RH16-6M303F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	30000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3970 K	B+TOLERANCE(K)	39.7	B-TOLERANCE(K)	39.7

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	8.494E+05	8.905E+05	9.334E+05
-39	7.973E+05	8.352E+05	8.748E+05
-38	7.487E+05	7.837E+05	8.203E+05
-37	7.034E+05	7.358E+05	7.696E+05
-36	6.612E+05	6.911E+05	7.224E+05
-35	6.218E+05	6.495E+05	6.784E+05
-34	5.850E+05	6.107E+05	6.374E+05
-33	5.507E+05	5.744E+05	5.991E+05
-32	5.186E+05	5.406E+05	5.635E+05
-31	4.886E+05	5.090E+05	5.302E+05
-30	4.606E+05	4.794E+05	4.990E+05
-29	4.345E+05	4.520E+05	4.702E+05
-28	4.100E+05	4.263E+05	4.431E+05
-27	3.871E+05	4.021E+05	4.177E+05
-26	3.655E+05	3.795E+05	3.940E+05
-25	3.452E+05	3.582E+05	3.716E+05
-24	3.262E+05	3.383E+05	3.507E+05
-23	3.083E+05	3.195E+05	3.311E+05
-22	2.915E+05	3.019E+05	3.126E+05
-21	2.757E+05	2.853E+05	2.953E+05
-20	2.608E+05	2.698E+05	2.790E+05
-19	2.467E+05	2.550E+05	2.636E+05
-18	2.335E+05	2.412E+05	2.491E+05
-17	2.211E+05	2.282E+05	2.356E+05
-16	2.094E+05	2.160E+05	2.229E+05
-15	1.984E+05	2.046E+05	2.109E+05
-14	1.881E+05	1.938E+05	1.997E+05
-13	1.783E+05	1.837E+05	1.892E+05
-12	1.692E+05	1.741E+05	1.792E+05
-11	1.606E+05	1.652E+05	1.699E+05
-10	1.524E+05	1.567E+05	1.611E+05
-9	1.448E+05	1.488E+05	1.529E+05
-8	1.376E+05	1.413E+05	1.451E+05
-7	1.308E+05	1.342E+05	1.378E+05
-6	1.244E+05	1.276E+05	1.308E+05
-5	1.183E+05	1.213E+05	1.243E+05
-4	1.125E+05	1.153E+05	1.181E+05
-3	1.071E+05	1.096E+05	1.123E+05
-2	1.019E+05	1.043E+05	1.068E+05
-1	9.702E+04	9.926E+04	1.015E+05
0	9.240E+04	9.448E+04	9.659E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.240E+04	9.448E+04	9.659E+04
1	8.800E+04	8.993E+04	9.189E+04
2	8.384E+04	8.563E+04	8.745E+04
3	7.990E+04	8.157E+04	8.326E+04
4	7.617E+04	7.772E+04	7.929E+04
5	7.264E+04	7.408E+04	7.554E+04
6	6.929E+04	7.063E+04	7.199E+04
7	6.612E+04	6.736E+04	6.862E+04
8	6.311E+04	6.427E+04	6.543E+04
9	6.026E+04	6.133E+04	6.241E+04
10	5.755E+04	5.855E+04	5.955E+04
11	5.498E+04	5.590E+04	5.683E+04
12	5.253E+04	5.339E+04	5.425E+04
13	5.021E+04	5.100E+04	5.180E+04
14	4.800E+04	4.873E+04	4.947E+04
15	4.590E+04	4.658E+04	4.727E+04
16	4.391E+04	4.454E+04	4.517E+04
17	4.201E+04	4.259E+04	4.317E+04
18	4.020E+04	4.074E+04	4.128E+04
19	3.848E+04	3.897E+04	3.947E+04
20	3.684E+04	3.729E+04	3.775E+04
21	3.527E+04	3.570E+04	3.612E+04
22	3.378E+04	3.417E+04	3.456E+04
23	3.236E+04	3.272E+04	3.307E+04
24	3.100E+04	3.133E+04	3.165E+04
25	2.970E+04	3.000E+04	3.030E+04
26	2.843E+04	2.873E+04	2.903E+04
27	2.723E+04	2.753E+04	2.783E+04
28	2.607E+04	2.637E+04	2.667E+04
29	2.497E+04	2.527E+04	2.557E+04
30	2.392E+04	2.422E+04	2.451E+04
31	2.292E+04	2.321E+04	2.350E+04
32	2.196E+04	2.225E+04	2.254E+04
33	2.105E+04	2.133E+04	2.162E+04
34	2.017E+04	2.045E+04	2.074E+04
35	1.934E+04	1.962E+04	1.990E+04
36	1.854E+04	1.882E+04	1.909E+04
37	1.778E+04	1.805E+04	1.833E+04
38	1.705E+04	1.732E+04	1.759E+04
39	1.636E+04	1.662E+04	1.689E+04
40	1.570E+04	1.596E+04	1.622E+04
41	1.506E+04	1.532E+04	1.558E+04
42	1.446E+04	1.471E+04	1.497E+04
43	1.389E+04	1.413E+04	1.438E+04
44	1.333E+04	1.358E+04	1.382E+04
45	1.281E+04	1.305E+04	1.329E+04
46	1.230E+04	1.254E+04	1.277E+04
47	1.182E+04	1.205E+04	1.228E+04
48	1.136E+04	1.158E+04	1.181E+04
49	1.092E+04	1.114E+04	1.136E+04
50	1.049E+04	1.071E+04	1.093E+04

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B(T1℃/T2℃)	3970 K	B+TOLERANCE(K)	39.7	B-TOLERANCE(K)	39.7

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.049E+04	1.071E+04	1.093E+04
51	1.009E+04	1.030E+04	1.051E+04
52	9.696E+03	9.903E+03	1.011E+04
53	9.323E+03	9.526E+03	9.732E+03
54	8.966E+03	9.164E+03	9.366E+03
55	8.624E+03	8.818E+03	9.016E+03
56	8.297E+03	8.487E+03	8.680E+03
57	7.984E+03	8.169E+03	8.358E+03
58	7.684E+03	7.865E+03	8.050E+03
59	7.397E+03	7.574E+03	7.755E+03
60	7.121E+03	7.295E+03	7.471E+03
61	6.859E+03	7.028E+03	7.201E+03
62	6.607E+03	6.772E+03	6.941E+03
63	6.365E+03	6.527E+03	6.692E+03
64	6.134E+03	6.292E+03	6.453E+03
65	5.911E+03	6.066E+03	6.224E+03
66	5.698E+03	5.849E+03	6.004E+03
67	5.494E+03	5.641E+03	5.792E+03
68	5.297E+03	5.442E+03	5.589E+03
69	5.109E+03	5.250E+03	5.394E+03
70	4.928E+03	5.066E+03	5.206E+03
71	4.755E+03	4.889E+03	5.027E+03
72	4.588E+03	4.719E+03	4.854E+03
73	4.428E+03	4.556E+03	4.688E+03
74	4.275E+03	4.400E+03	4.528E+03
75	4.127E+03	4.249E+03	4.374E+03
76	3.985E+03	4.104E+03	4.226E+03
77	3.848E+03	3.965E+03	4.084E+03
78	3.717E+03	3.831E+03	3.947E+03
79	3.591E+03	3.702E+03	3.816E+03
80	3.469E+03	3.578E+03	3.689E+03
81	3.352E+03	3.458E+03	3.567E+03
82	3.239E+03	3.343E+03	3.449E+03
83	3.131E+03	3.232E+03	3.336E+03
84	3.027E+03	3.126E+03	3.227E+03
85	2.927E+03	3.023E+03	3.122E+03
86	2.830E+03	2.924E+03	3.021E+03
87	2.737E+03	2.829E+03	2.924E+03
88	2.648E+03	2.737E+03	2.830E+03
89	2.562E+03	2.649E+03	2.739E+03
90	2.479E+03	2.564E+03	2.652E+03
91	2.399E+03	2.482E+03	2.568E+03
92	2.322E+03	2.404E+03	2.488E+03
93	2.248E+03	2.328E+03	2.410E+03
94	2.177E+03	2.254E+03	2.335E+03
95	2.108E+03	2.184E+03	2.262E+03
96	2.041E+03	2.115E+03	2.192E+03
97	1.977E+03	2.050E+03	2.125E+03
98	1.916E+03	1.986E+03	2.059E+03
99	1.856E+03	1.925E+03	1.996E+03
100	1.799E+03	1.866E+03	1.936E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.799E+03	1.866E+03	1.936E+03
101	1.743E+03	1.809E+03	1.877E+03
102	1.689E+03	1.754E+03	1.820E+03
103	1.638E+03	1.700E+03	1.765E+03
104	1.588E+03	1.649E+03	1.713E+03
105	1.539E+03	1.599E+03	1.662E+03
106	1.493E+03	1.552E+03	1.612E+03
107	1.448E+03	1.505E+03	1.565E+03
108	1.405E+03	1.461E+03	1.519E+03
109	1.363E+03	1.418E+03	1.474E+03
110	1.323E+03	1.376E+03	1.432E+03