NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RH16-6M203F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	20000 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	5.663E+05	5.936E+05	6.223E+05
-39	5.315E+05	5.568E+05	5.832E+05
-38	4.991E+05	5.225E+05	5.469E+05
-37	4.689E+05	4.905E+05	5.131E+05
-36	4.408E+05	4.608E+05	4.816E+05
-35	4.145E+05	4.330E+05	4.523E+05
-34	3.900E+05	4.071E+05	4.249E+05
-33	3.671E+05	3.830E+05	3.994E+05
-32	3.457E+05	3.604E+05	3.756E+05
-31	3.257E+05	3.393E+05	3.534E+05
-30	3.070E+05	3.196E+05	3.327E+05
-29	2.897E+05	3.013E+05	3.134E+05
-28	2.734E+05	2.842E+05	2.954E+05
-27	2.580E+05	2.681E+05	2.785E+05
-26	2.437E+05	2.530E+05	2.626E+05
-25	2.302E+05	2.388E+05	2.478E+05
-24	2.175E+05	2.255E+05	2.338E+05
-23	2.056E+05	2.130E+05	2.207E+05
-22	1.943E+05	2.013E+05	2.084E+05
-21	1.838E+05	1.902E+05	1.969E+05
-20	1.739E+05	1.799E+05	1.860E+05
-19	1.645E+05	1.700E+05	1.757E+05
-18	1.557E+05	1.608E+05	1.661E+05
-17	1.474E+05	1.521E+05	1.571E+05
-16	1.396E+05	1.440E+05	1.486E+05
-15	1.323E+05	1.364E+05	1.406E+05
-14	1.254E+05	1.292E+05	1.331E+05
-13	1.189E+05	1.224E+05	1.261E+05
-12	1.128E+05	1.161E+05	1.195E+05
-11	1.070E+05	1.101E+05	1.133E+05
-10	1.016E+05	1.045E+05	1.074E+05
-9	9.653E+04	9.920E+04	1.019E+05
-8	9.173E+04	9.421E+04	9.674E+04
-7	8.719E+04	8.950E+04	9.185E+04
-6	8.290E+04	8.504E+04	8.723E+04
-5	7.884E+04	8.084E+04	8.287E+04
-4	7.501E+04	7.686E+04	7.875E+04
-3	7.137E+04	7.310E+04	7.485E+04
-2	6.794E+04	6.954E+04	7.117E+04
-1	6.468E+04	6.617E+04	6.769E+04
0	6.160E+04	6.299E+04	6.440E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	6.160E+04	6.299E+04	6.440E+04
1	5.867E+04	5.995E+04	6.126E+04
2	5.589E+04	5.709E+04	5.830E+04
3	5.326E+04	5.438E+04	5.551E+04
4	5.078E+04	5.181E+04	5.286E+04
5	4.843E+04	4.939E+04	5.036E+04
6	4.620E+04	4.709E+04	4.799E+04
7	4.408E+04	4.491E+04	4.575E+04
8	4.208E+04	4.284E+04	4.362E+04
9	4.017E+04	4.089E+04	4.161E+04
10	3.837E+04	3.903E+04	3.970E+04
11	3.665E+04	3.727E+04	3.789E+04
12	3.502E+04	3.559E+04	3.616E+04
13	3.347E+04	3.400E+04	3.453E+04
14	3.200E+04	3.249E+04	3.298E+04
15	3.060E+04	3.105E+04	3.151E+04
16	2.927E+04	2.969E+04	3.011E+04
17	2.801E+04	2.839E+04	2.878E+04
18	2.680E+04	2.716E+04	2.752E+04
19	2.565E+04	2.598E+04	2.631E+04
20	2.456E+04	2.486E+04	2.517E+04
21	2.352E+04	2.380E+04	2.408E+04
22	2.252E+04	2.278E+04	2.304E+04
23	2.157E+04	2.181E+04	2.205E+04
24	2.067E+04	2.088E+04	2.110E+04
25	1.980E+04	2.000E+04	2.020E+04
26	1.896E+04	1.916E+04	1.936E+04
27	1.815E+04	1.835E+04	1.855E+04
28	1.738E+04	1.758E+04	1.778E+04
29	1.665E+04	1.685E+04	1.704E+04
30	1.595E+04	1.614E+04	1.634E+04
31	1.528E+04	1.547E+04	1.567E+04
32	1.464E+04	1.483E+04	1.503E+04
33	1.403E+04	1.422E+04	1.441E+04
34	1.345E+04	1.364E+04	1.383E+04
35	1.289E+04	1.308E+04	1.327E+04
36	1.236E+04	1.254E+04	1.273E+04
37	1.185E+04	1.203E+04	1.222E+04
38	1.137E+04	1.155E+04	1.173E+04
39	1.091E+04	1.108E+04	1.126E+04
40	1.046E+04	1.064E+04	1.081E+04
41	1.004E+04	1.021E+04	1.039E+04
42	9.641E+03	9.809E+03	9.978E+03
43	9.257E+03	9.422E+03	9.588E+03
44	8.890E+03	9.051E+03	9.215E+03
45	8.538E+03	8.697E+03	8.858E+03
46	8.202E+03	8.358E+03	8.516E+03
47	7.880E+03	8.033E+03	8.188E+03
48	7.572E+03	7.722E+03	7.874E+03
49	7.278E+03	7.424E+03	7.573E+03
50	6.995E+03	7.139E+03	7.285E+03

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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	6.995E+03	7.139E+03	7.285E+03
51	6.724E+03	6.865E+03	7.008E+03
52	6.464E+03	6.602E+03	6.742E+03
53	6.215E+03	6.350E+03	6.488E+03
54	5.977E+03	6.110E+03	6.244E+03
55	5.750E+03	5.879E+03	6.010E+03
56	5.532E+03	5.658E+03	5.787E+03
57	5.323E+03	5.446E+03	5.572E+03
58	5.123E+03	5.244E+03	5.367E+03
59	4.931E+03	5.049E+03	5.170E+03
60	4.748E+03	4.863E+03	4.981E+03
61	4.572E+03	4.685E+03	4.801E+03
62	4.405E+03	4.515E+03	4.628E+03
63	4.244E+03	4.351E+03	4.462E+03
64	4.089E+03	4.195E+03	4.302E+03
65	3.941E+03	4.044E+03	4.149E+03
66	3.799E+03	3.900E+03	4.002E+03
67	3.663E+03	3.761E+03	3.861E+03
68	3.532E+03	3.628E+03	3.726E+03
69	3.406E+03	3.500E+03	3.596E+03
70	3.285E+03	3.377E+03	3.471E+03
71	3.170E+03	3.259E+03	3.351E+03
72	3.059E+03	3.146E+03	3.236E+03
73	2.952E+03	3.038E+03	3.125E+03
74	2.850E+03	2.933E+03	3.019E+03
75	2.751E+03	2.833E+03	2.916E+03
76	2.656E+03	2.736E+03	2.818E+03
77	2.565E+03	2.643E+03	2.723E+03
78	2.478E+03	2.554E+03	2.632E+03
79	2.394E+03	2.468E+03	2.544E+03
80	2.313E+03	2.385E+03	2.459E+03
81	2.235E+03	2.305E+03	2.378E+03
82	2.160E+03	2.229E+03	2.299E+03
83	2.087E+03	2.155E+03	2.224E+03
84	2.018E+03	2.084E+03	2.151E+03
85	1.951E+03	2.015E+03	2.081E+03
86	1.887E+03	1.949E+03	2.014E+03
87	1.825E+03	1.886E+03	1.949E+03
88	1.765E+03	1.825E+03	1.887E+03
89	1.708E+03	1.766E+03	1.826E+03
90	1.652E+03	1.709E+03	1.768E+03
91	1.599E+03	1.655E+03	1.712E+03
92	1.548E+03	1.602E+03	1.658E+03
93	1.499E+03	1.552E+03	1.606E+03
94	1.451E+03	1.503E+03	1.556E+03
95	1.405E+03	1.456E+03	1.508E+03
96	1.361E+03	1.410E+03	1.461E+03
97	1.318E+03	1.366E+03	1.416E+03
98	1.277E+03	1.324E+03	1.373E+03
99	1.237E+03	1.283E+03	1.331E+03
100	1.199E+03	1.244E+03	1.291E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	1.199E+03	1.244E+03	1.291E+03
101	1.162E+03	1.206E+03	1.251E+03
102	1.126E+03	1.169E+03	1.213E+03
103	1.092E+03	1.134E+03	1.177E+03
104	1.058E+03	1.099E+03	1.142E+03
105	1.026E+03	1.066E+03	1.108E+03
106	9.953E+02	1.034E+03	1.075E+03
107	9.654E+02	1.004E+03	1.043E+03
108	9.365E+02	9.738E+02	1.013E+03
109	9.087E+02	9.451E+02	9.829E+02
110	8.818E+02	9.174E+02	9.543E+02