NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RM16-3U803H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	80000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.142E+06	2.467E+06	2.839E+06
-39	2.016E+06	2.316E+06	2.660E+06
-38	1.897E+06	2.175E+06	2.492E+06
-37	1.786E+06	2.044E+06	2.336E+06
-36	1.682E+06	1.921E+06	2.191E+06
-35	1.585E+06	1.806E+06	2.056E+06
-34	1.494E+06	1.698E+06	1.930E+06
-33	1.408E+06	1.598E+06	1.812E+06
-32	1.328E+06	1.504E+06	1.702E+06
-31	1.253E+06	1.416E+06	1.599E+06
-30	1.183E+06	1.334E+06	1.503E+06
-29	1.117E+06	1.257E+06	1.414E+06
-28	1.055E+06	1.185E+06	1.330E+06
-27	9.964E+05	1.117E+06	1.251E+06
-26	9.416E+05	1.054E+06	1.178E+06
-25	8.902E+05	9.943E+05	1.109E+06
-24	8.419E+05	9.385E+05	1.045E+06
-23	7.964E+05	8.861E+05	9.850E+05
-22	7.537E+05	8.370E+05	9.286E+05
-21	7.134E+05	7.908E+05	8.758E+05
-20	6.755E+05	7.474E+05	8.262E+05
-19	6.399E+05	7.067E+05	7.797E+05
-18	6.063E+05	6.684E+05	7.361E+05
-17	5.747E+05	6.323E+05	6.951E+05
-16	5.448E+05	5.984E+05	6.567E+05
-15	5.167E+05	5.665E+05	6.206E+05
-14	4.902E+05	5.365E+05	5.866E+05
-13	4.651E+05	5.082E+05	5.547E+05
-12	4.415E+05	4.815E+05	5.247E+05
-11	4.192E+05	4.564E+05	4.964E+05
-10	3.981E+05	4.327E+05	4.699E+05
-9	3.782E+05	4.103E+05	4.448E+05
-8	3.594E+05	3.893E+05	4.213E+05
-7	3.416E+05	3.694E+05	3.991E+05
-6	3.248E+05	3.506E+05	3.782E+05
-5	3.089E+05	3.329E+05	3.585E+05
-4	2.939E+05	3.162E+05	3.400E+05
-3	2.797E+05	3.004E+05	3.225E+05
-2	2.662E+05	2.855E+05	3.060E+05
-1	2.535E+05	2.714E+05	2.904E+05
0	2.414E+05	2.581E+05	2.757E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.414E+05	2.581E+05	2.757E+05
1	2.300E+05	2.455E+05	2.619E+05
2	2.192E+05	2.336E+05	2.488E+05
3	2.090E+05	2.224E+05	2.364E+05
4	1.993E+05	2.117E+05	2.247E+05
5	1.900E+05	2.016E+05	2.137E+05
6	1.813E+05	1.920E+05	2.032E+05
7	1.730E+05	1.830E+05	1.933E+05
8	1.651E+05	1.744E+05	1.840E+05
9	1.576E+05	1.662E+05	1.751E+05
10	1.505E+05	1.585E+05	1.667E+05
11	1.438E+05	1.512E+05	1.588E+05
12	1.374E+05	1.442E+05	1.513E+05
13	1.313E+05	1.376E+05	1.441E+05
14	1.255E+05	1.314E+05	1.374E+05
15	1.200E+05	1.254E+05	1.310E+05
16	1.148E+05	1.198E+05	1.249E+05
17	1.098E+05	1.144E+05	1.191E+05
18	1.050E+05	1.093E+05	1.137E+05
19	1.005E+05	1.045E+05	1.085E+05
20	9.621E+04	9.986E+04	1.036E+05
21	9.212E+04	9.549E+04	9.888E+04
22	8.822E+04	9.132E+04	9.444E+04
23	8.451E+04	8.736E+04	9.022E+04
24	8.097E+04	8.359E+04	8.621E+04
25	7.760E+04	8.000E+04	8.240E+04
26	7.419E+04	7.658E+04	7.899E+04
27	7.094E+04	7.333E+04	7.573E+04
28	6.785E+04	7.023E+04	7.262E+04
29	6.492E+04	6.728E+04	6.966E+04
30	6.212E+04	6.446E+04	6.684E+04
31	5.946E+04	6.178E+04	6.414E+04
32	5.693E+04	5.923E+04	6.156E+04
33	5.452E+04	5.679E+04	5.910E+04
34	5.222E+04	5.446E+04	5.676E+04
35	5.003E+04	5.225E+04	5.451E+04
36	4.794E+04	5.013E+04	5.237E+04
37	4.595E+04	4.811E+04	5.032E+04
38	4.406E+04	4.618E+04	4.836E+04
39	4.225E+04	4.434E+04	4.649E+04
40	4.052E+04	4.258E+04	4.470E+04
41	3.887E+04	4.089E+04	4.298E+04
42	3.730E+04	3.928E+04	4.134E+04
43	3.580E+04	3.775E+04	3.977E+04
44	3.436E+04	3.628E+04	3.827E+04
45	3.299E+04	3.487E+04	3.683E+04
46	3.168E+04	3.353E+04	3.545E+04
47	3.043E+04	3.224E+04	3.413E+04
48	2.924E+04	3.101E+04	3.286E+04
49	2.809E+04	2.983E+04	3.165E+04
50	2.700E+04	2.871E+04	3.049E+04

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B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	118.5	B-TOLERANCE(K)	118.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	2.700E+04	2.871E+04	3.049E+04
51	2.596E+04	2.763E+04	2.938E+04
52	2.496E+04	2.659E+04	2.831E+04
53	2.400E+04	2.560E+04	2.728E+04
54	2.308E+04	2.465E+04	2.630E+04
55	2.221E+04	2.374E+04	2.536E+04
56	2.137E+04	2.287E+04	2.445E+04
57	2.057E+04	2.203E+04	2.359E+04
58	1.980E+04	2.123E+04	2.275E+04
59	1.906E+04	2.047E+04	2.195E+04
60	1.835E+04	1.973E+04	2.119E+04
61	1.768E+04	1.902E+04	2.045E+04
62	1.703E+04	1.834E+04	1.974E+04
63	1.641E+04	1.769E+04	1.906E+04
64	1.581E+04	1.707E+04	1.841E+04
65	1.524E+04	1.647E+04	1.778E+04
66	1.469E+04	1.589E+04	1.718E+04
67	1.417E+04	1.534E+04	1.660E+04
68	1.366E+04	1.481E+04	1.604E+04
69	1.318E+04	1.430E+04	1.550E+04
70	1.271E+04	1.381E+04	1.498E+04
71	1.227E+04	1.334E+04	1.449E+04
72	1.184E+04	1.288E+04	1.401E+04
73	1.143E+04	1.245E+04	1.355E+04
74	1.103E+04	1.203E+04	1.311E+04
75	1.065E+04	1.163E+04	1.268E+04
76	1.029E+04	1.124E+04	1.227E+04
77	9.936E+03	1.087E+04	1.187E+04
78	9.598E+03	1.051E+04	1.149E+04
79	9.274E+03	1.016E+04	1.112E+04
80	8.961E+03	9.828E+03	1.077E+04
81	8.661E+03	9.508E+03	1.043E+04
82	8.371E+03	9.199E+03	1.010E+04
83	8.093E+03	8.901E+03	9.781E+03
84	7.825E+03	8.615E+03	9.475E+03
85	7.568E+03	8.339E+03	9.180E+03
86	7.319E+03	8.073E+03	8.896E+03
87	7.080E+03	7.816E+03	8.621E+03
88	6.850E+03	7.569E+03	8.356E+03
89	6.629E+03	7.331E+03	8.100E+03
90	6.415E+03	7.101E+03	7.854E+03
91	6.210E+03	6.880E+03	7.616E+03
92	6.011E+03	6.666E+03	7.386E+03
93	5.820E+03	6.460E+03	7.164E+03
94	5.636E+03	6.261E+03	6.949E+03
95	5.459E+03	6.070E+03	6.742E+03
96	5.288E+03	5.884E+03	6.542E+03
97	5.123E+03	5.706E+03	6.349E+03
98	4.964E+03	5.533E+03	6.163E+03
99	4.810E+03	5.367E+03	5.982E+03
100	4.662E+03	5.206E+03	5.808E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	4.662E+03	5.206E+03	5.808E+03
101	4.519E+03	5.051E+03	5.640E+03
102	4.381E+03	4.901E+03	5.477E+03
103	4.248E+03	4.756E+03	5.319E+03
104	4.120E+03	4.616E+03	5.167E+03
105	3.996E+03	4.481E+03	5.020E+03
106	3.876E+03	4.350E+03	4.877E+03
107	3.760E+03	4.223E+03	4.740E+03
108	3.648E+03	4.101E+03	4.606E+03
109	3.540E+03	3.983E+03	4.477E+03
110	3.436E+03	3.869E+03	4.352E+03