NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RH16-3U803F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	80000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.354E+06	2.467E+06	2.586E+06
-39	2.212E+06	2.316E+06	2.426E+06
-38	2.078E+06	2.175E+06	2.276E+06
-37	1.954E+06	2.044E+06	2.137E+06
-36	1.838E+06	1.921E+06	2.007E+06
-35	1.729E+06	1.806E+06	1.886E+06
-34	1.627E+06	1.698E+06	1.772E+06
-33	1.532E+06	1.598E+06	1.667E+06
-32	1.443E+06	1.504E+06	1.568E+06
-31	1.360E+06	1.416E+06	1.475E+06
-30	1.282E+06	1.334E+06	1.388E+06
-29	1.208E+06	1.257E+06	1.307E+06
-28	1.140E+06	1.185E+06	1.231E+06
-27	1.075E+06	1.117E+06	1.160E+06
-26	1.015E+06	1.054E+06	1.094E+06
-25	9.584E+05	9.943E+05	1.031E+06
-24	9.052E+05	9.385E+05	9.729E+05
-23	8.552E+05	8.861E+05	9.180E+05
-22	8.083E+05	8.370E+05	8.666E+05
-21	7.642E+05	7.908E+05	8.182E+05
-20	7.227E+05	7.474E+05	7.729E+05
-19	6.837E+05	7.067E+05	7.303E+05
-18	6.471E+05	6.684E+05	6.903E+05
-17	6.125E+05	6.323E+05	6.527E+05
-16	5.800E+05	5.984E+05	6.173E+05
-15	5.494E+05	5.665E+05	5.840E+05
-14	5.206E+05	5.365E+05	5.527E+05
-13	4.934E+05	5.082E+05	5.233E+05
-12	4.678E+05	4.815E+05	4.955E+05
-11	4.437E+05	4.564E+05	4.694E+05
-10	4.209E+05	4.327E+05	4.448E+05
-9	3.994E+05	4.103E+05	4.216E+05
-8	3.791E+05	3.893E+05	3.997E+05
-7	3.599E+05	3.694E+05	3.791E+05
-6	3.418E+05	3.506E+05	3.596E+05
-5	3.248E+05	3.329E+05	3.413E+05
-4	3.086E+05	3.162E+05	3.240E+05
-3	2.934E+05	3.004E+05	3.076E+05
-2	2.790E+05	2.855E+05	2.922E+05
-1	2.653E+05	2.714E+05	2.776E+05
0	2.525E+05	2.581E+05	2.639E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.525E+05	2.581E+05	2.639E+05
1	2.403E+05	2.455E+05	2.509E+05
2	2.288E+05	2.336E+05	2.386E+05
3	2.178E+05	2.224E+05	2.270E+05
4	2.075E+05	2.117E+05	2.160E+05
5	1.977E+05	2.016E+05	2.056E+05
6	1.884E+05	1.920E+05	1.957E+05
7	1.796E+05	1.830E+05	1.864E+05
8	1.712E+05	1.744E+05	1.775E+05
9	1.633E+05	1.662E+05	1.692E+05
10	1.558E+05	1.585E+05	1.612E+05
11	1.487E+05	1.512E+05	1.537E+05
12	1.419E+05	1.442E+05	1.465E+05
13	1.355E+05	1.376E+05	1.398E+05
14	1.294E+05	1.314E+05	1.334E+05
15	1.236E+05	1.254E+05	1.273E+05
16	1.181E+05	1.198E+05	1.215E+05
17	1.129E+05	1.144E+05	1.160E+05
18	1.079E+05	1.093E+05	1.108E+05
19	1.031E+05	1.045E+05	1.058E+05
20	9.864E+04	9.986E+04	1.011E+05
21	9.436E+04	9.549E+04	9.661E+04
22	9.029E+04	9.132E+04	9.236E+04
23	8.641E+04	8.736E+04	8.831E+04
24	8.272E+04	8.359E+04	8.446E+04
25	7.920E+04	8.000E+04	8.080E+04
26	7.578E+04	7.658E+04	7.738E+04
27	7.253E+04	7.333E+04	7.413E+04
28	6.944E+04	7.023E+04	7.103E+04
29	6.649E+04	6.728E+04	6.807E+04
30	6.368E+04	6.446E+04	6.525E+04
31	6.101E+04	6.178E+04	6.256E+04
32	5.846E+04	5.923E+04	6.000E+04
33	5.603E+04	5.679E+04	5.756E+04
34	5.371E+04	5.446E+04	5.522E+04
35	5.150E+04	5.225E+04	5.300E+04
36	4.939E+04	5.013E+04	5.087E+04
37	4.738E+04	4.811E+04	4.884E+04
38	4.546E+04	4.618E+04	4.690E+04
39	4.363E+04	4.434E+04	4.505E+04
40	4.188E+04	4.258E+04	4.328E+04
41	4.021E+04	4.089E+04	4.158E+04
42	3.861E+04	3.928E+04	3.996E+04
43	3.709E+04	3.775E+04	3.841E+04
44	3.563E+04	3.628E+04	3.693E+04
45	3.424E+04	3.487E+04	3.552E+04
46	3.290E+04	3.353E+04	3.416E+04
47	3.163E+04	3.224E+04	3.286E+04
48	3.041E+04	3.101E+04	3.162E+04
49	2.924E+04	2.983E+04	3.043E+04
50	2.813E+04	2.871E+04	2.929E+04

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B(T1℃/T2℃)	3950 K	B+TOLERANCE(K)	39.5	B-TOLERANCE(K)	39.5

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	2.813E+04	2.871E+04	2.929E+04
51	2.706E+04	2.763E+04	2.820E+04
52	2.604E+04	2.659E+04	2.715E+04
53	2.506E+04	2.560E+04	2.615E+04
54	2.412E+04	2.465E+04	2.519E+04
55	2.322E+04	2.374E+04	2.427E+04
56	2.236E+04	2.287E+04	2.339E+04
57	2.154E+04	2.203E+04	2.254E+04
58	2.075E+04	2.123E+04	2.173E+04
59	1.999E+04	2.047E+04	2.095E+04
60	1.926E+04	1.973E+04	2.021E+04
61	1.857E+04	1.902E+04	1.949E+04
62	1.790E+04	1.834E+04	1.880E+04
63	1.726E+04	1.769E+04	1.814E+04
64	1.664E+04	1.707E+04	1.751E+04
65	1.605E+04	1.647E+04	1.690E+04
66	1.549E+04	1.589E+04	1.631E+04
67	1.494E+04	1.534E+04	1.575E+04
68	1.442E+04	1.481E+04	1.521E+04
69	1.392E+04	1.430E+04	1.469E+04
70	1.344E+04	1.381E+04	1.419E+04
71	1.297E+04	1.334E+04	1.371E+04
72	1.253E+04	1.288E+04	1.325E+04
73	1.210E+04	1.245E+04	1.281E+04
74	1.169E+04	1.203E+04	1.238E+04
75	1.129E+04	1.163E+04	1.197E+04
76	1.091E+04	1.124E+04	1.157E+04
77	1.055E+04	1.087E+04	1.119E+04
78	1.020E+04	1.051E+04	1.083E+04
79	9.857E+03	1.016E+04	1.047E+04
80	9.531E+03	9.828E+03	1.013E+04
81	9.217E+03	9.508E+03	9.806E+03
82	8.915E+03	9.199E+03	9.490E+03
83	8.624E+03	8.901E+03	9.186E+03
84	8.344E+03	8.615E+03	8.893E+03
85	8.074E+03	8.339E+03	8.611E+03
86	7.814E+03	8.073E+03	8.339E+03
87	7.564E+03	7.816E+03	8.077E+03
88	7.322E+03	7.569E+03	7.824E+03
89	7.090E+03	7.331E+03	7.580E+03
90	6.866E+03	7.101E+03	7.344E+03
91	6.649E+03	6.880E+03	7.118E+03
92	6.441E+03	6.666E+03	6.899E+03
93	6.240E+03	6.460E+03	6.687E+03
94	6.046E+03	6.261E+03	6.483E+03
95	5.859E+03	6.070E+03	6.287E+03
96	5.679E+03	5.884E+03	6.097E+03
97	5.505E+03	5.706E+03	5.913E+03
98	5.337E+03	5.533E+03	5.736E+03
99	5.175E+03	5.367E+03	5.565E+03
100	5.018E+03	5.206E+03	5.400E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	5.018E+03	5.206E+03	5.400E+03
101	4.867E+03	5.051E+03	5.240E+03
102	4.722E+03	4.901E+03	5.086E+03
103	4.581E+03	4.756E+03	4.937E+03
104	4.445E+03	4.616E+03	4.793E+03
105	4.313E+03	4.481E+03	4.654E+03
106	4.186E+03	4.350E+03	4.520E+03
107	4.063E+03	4.223E+03	4.389E+03
108	3.945E+03	4.101E+03	4.263E+03
109	3.830E+03	3.983E+03	4.142E+03
110	3.719E+03	3.869E+03	4.024E+03