NTC THERMISTOR R-T CHARACTERISTICS

TYPE	RM16-6E103H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 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	2.441E+05	2.812E+05	3.235E+05
-39	2.300E+05	2.643E+05	3.035E+05
-38	2.168E+05	2.486E+05	2.848E+05
-37	2.044E+05	2.340E+05	2.675E+05
-36	1.929E+05	2.203E+05	2.513E+05
-35	1.821E+05	2.075E+05	2.362E+05
-34	1.719E+05	1.955E+05	2.221E+05
-33	1.624E+05	1.843E+05	2.089E+05
-32	1.535E+05	1.738E+05	1.967E+05
-31	1.451E+05	1.640E+05	1.852E+05
-30	1.372E+05	1.548E+05	1.744E+05
-29	1.298E+05	1.461E+05	1.643E+05
-28	1.228E+05	1.380E+05	1.549E+05
-27	1.163E+05	1.303E+05	1.460E+05
-26	1.101E+05	1.232E+05	1.378E+05
-25	1.043E+05	1.165E+05	1.300E+05
-24	9.891E+04	1.103E+05	1.228E+05
-23	9.380E+04	1.044E+05	1.160E+05
-22	8.900E+04	9.884E+04	1.097E+05
-21	8.448E+04	9.364E+04	1.037E+05
-20	8.022E+04	8.876E+04	9.811E+04
-19	7.628E+04	8.424E+04	9.295E+04
-18	7.254E+04	7.996E+04	8.807E+04
-17	6.899E+04	7.591E+04	8.345E+04
-16	6.562E+04	7.207E+04	7.909E+04
-15	6.242E+04	6.844E+04	7.497E+04
-14	5.939E+04	6.500E+04	7.108E+04
-13	5.651E+04	6.174E+04	6.740E+04
-12	5.378E+04	5.866E+04	6.392E+04
-11	5.119E+04	5.574E+04	6.063E+04
-10	4.873E+04	5.297E+04	5.752E+04
-9	4.641E+04	5.036E+04	5.459E+04
-8	4.421E+04	4.788E+04	5.182E+04
-7	4.211E+04	4.553E+04	4.920E+04
-6	4.011E+04	4.330E+04	4.671E+04
-5	3.821E+04	4.119E+04	4.435E+04
-4	3.641E+04	3.917E+04	4.212E+04
-3	3.469E+04	3.727E+04	4.000E+04
-2	3.306E+04	3.546E+04	3.799E+04
-1	3.151E+04	3.374E+04	3.609E+04
0	3.003E+04	3.211E+04	3.430E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.003E+04	3.211E+04	3.430E+04
1	2.861E+04	3.054E+04	3.257E+04
2	2.727E+04	2.907E+04	3.095E+04
3	2.600E+04	2.767E+04	2.942E+04
4	2.480E+04	2.635E+04	2.797E+04
5	2.366E+04	2.509E+04	2.660E+04
6	2.257E+04	2.391E+04	2.530E+04
7	2.155E+04	2.279E+04	2.408E+04
8	2.057E+04	2.172E+04	2.292E+04
9	1.965E+04	2.072E+04	2.182E+04
10	1.877E+04	1.976E+04	2.079E+04
11	1.794E+04	1.886E+04	1.981E+04
12	1.714E+04	1.800E+04	1.888E+04
13	1.639E+04	1.718E+04	1.799E+04
14	1.567E+04	1.640E+04	1.716E+04
15	1.499E+04	1.567E+04	1.636E+04
16	1.434E+04	1.496E+04	1.561E+04
17	1.372E+04	1.430E+04	1.489E+04
18	1.313E+04	1.366E+04	1.421E+04
19	1.256E+04	1.306E+04	1.356E+04
20	1.203E+04	1.248E+04	1.295E+04
21	1.152E+04	1.194E+04	1.236E+04
22	1.103E+04	1.142E+04	1.181E+04
23	1.056E+04	1.092E+04	1.128E+04
24	1.012E+04	1.045E+04	1.078E+04
25	9.700E+03	1.000E+04	1.030E+04
26	9.273E+03	9.573E+03	9.873E+03
27	8.867E+03	9.166E+03	9.466E+03
28	8.481E+03	8.778E+03	9.078E+03
29	8.114E+03	8.409E+03	8.707E+03
30	7.764E+03	8.057E+03	8.353E+03
31	7.432E+03	7.722E+03	8.016E+03
32	7.115E+03	7.402E+03	7.694E+03
33	6.813E+03	7.097E+03	7.386E+03
34	6.526E+03	6.806E+03	7.092E+03
35	6.252E+03	6.529E+03	6.812E+03
36	5.991E+03	6.264E+03	6.544E+03
37	5.742E+03	6.011E+03	6.287E+03
38	5.505E+03	5.770E+03	6.042E+03
39	5.278E+03	5.539E+03	5.808E+03
40	5.062E+03	5.319E+03	5.584E+03
41	4.857E+03	5.109E+03	5.370E+03
42	4.660E+03	4.908E+03	5.165E+03
43	4.473E+03	4.716E+03	4.969E+03
44	4.293E+03	4.533E+03	4.781E+03
45	4.122E+03	4.357E+03	4.602E+03
46	3.959E+03	4.190E+03	4.430E+03
47	3.803E+03	4.029E+03	4.265E+03
48	3.654E+03	3.876E+03	4.107E+03
49	3.511E+03	3.729E+03	3.956E+03
50	3.375E+03	3.588E+03	3.811E+03

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R at T0℃	10000 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)
50	3.375E+03	3.588E+03	3.811E+03
51	3.245E+03	3.454E+03	3.672E+03
52	3.120E+03	3.325E+03	3.539E+03
53	3.001E+03	3.201E+03	3.412E+03
54	2.887E+03	3.083E+03	3.289E+03
55	2.778E+03	2.970E+03	3.172E+03
56	2.673E+03	2.861E+03	3.060E+03
57	2.573E+03	2.757E+03	2.952E+03
58	2.478E+03	2.658E+03	2.848E+03
59	2.386E+03	2.562E+03	2.749E+03
60	2.298E+03	2.470E+03	2.653E+03
61	2.214E+03	2.383E+03	2.562E+03
62	2.134E+03	2.298E+03	2.474E+03
63	2.057E+03	2.218E+03	2.389E+03
64	1.983E+03	2.140E+03	2.308E+03
65	1.912E+03	2.066E+03	2.230E+03
66	1.844E+03	1.994E+03	2.155E+03
67	1.778E+03	1.926E+03	2.083E+03
68	1.716E+03	1.860E+03	2.014E+03
69	1.655E+03	1.796E+03	1.947E+03
70	1.598E+03	1.735E+03	1.883E+03
71	1.542E+03	1.677E+03	1.821E+03
72	1.489E+03	1.620E+03	1.762E+03
73	1.438E+03	1.566E+03	1.705E+03
74	1.389E+03	1.514E+03	1.649E+03
75	1.341E+03	1.464E+03	1.597E+03
76	1.296E+03	1.416E+03	1.546E+03
77	1.252E+03	1.370E+03	1.496E+03
78	1.210E+03	1.325E+03	1.449E+03
79	1.170E+03	1.282E+03	1.404E+03
80	1.131E+03	1.241E+03	1.360E+03
81	1.094E+03	1.201E+03	1.317E+03
82	1.058E+03	1.163E+03	1.277E+03
83	1.024E+03	1.126E+03	1.238E+03
84	9.908E+02	1.091E+03	1.200E+03
85	9.589E+02	1.057E+03	1.163E+03
86	9.282E+02	1.024E+03	1.128E+03
87	8.986E+02	9.919E+02	1.094E+03
88	8.700E+02	9.613E+02	1.061E+03
89	8.425E+02	9.318E+02	1.030E+03
90	8.160E+02	9.033E+02	9.989E+02
91	7.904E+02	8.757E+02	9.693E+02
92	7.657E+02	8.491E+02	9.408E+02
93	7.419E+02	8.235E+02	9.131E+02
94	7.190E+02	7.987E+02	8.865E+02
95	6.969E+02	7.748E+02	8.607E+02
96	6.755E+02	7.518E+02	8.358E+02
97	6.550E+02	7.295E+02	8.118E+02
98	6.351E+02	7.080E+02	7.885E+02
99	6.160E+02	6.872E+02	7.661E+02
100	5.975E+02	6.672E+02	7.443E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	5.975E+02	6.672E+02	7.443E+02
101	5.797E+02	6.478E+02	7.234E+02
102	5.625E+02	6.291E+02	7.031E+02
103	5.458E+02	6.111E+02	6.835E+02
104	5.298E+02	5.936E+02	6.645E+02
105	5.143E+02	5.767E+02	6.461E+02
106	4.993E+02	5.603E+02	6.283E+02
107	4.848E+02	5.445E+02	6.110E+02
108	4.708E+02	5.292E+02	5.944E+02
109	4.572E+02	5.144E+02	5.782E+02
110	4.441E+02	5.000E+02	5.625E+02