NTC THERMISTOR R-T CHARACTERISTICS

TYPE	FH05-6D103F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	3.128E+05	3.278E+05	3.434E+05
-39	2.934E+05	3.072E+05	3.217E+05
-38	2.754E+05	2.882E+05	3.015E+05
-37	2.585E+05	2.704E+05	2.827E+05
-36	2.429E+05	2.538E+05	2.651E+05
-35	2.282E+05	2.383E+05	2.488E+05
-34	2.145E+05	2.239E+05	2.336E+05
-33	2.018E+05	2.104E+05	2.194E+05
-32	1.898E+05	1.978E+05	2.061E+05
-31	1.786E+05	1.860E+05	1.937E+05
-30	1.682E+05	1.750E+05	1.821E+05
-29	1.585E+05	1.648E+05	1.714E+05
-28	1.493E+05	1.552E+05	1.613E+05
-27	1.408E+05	1.462E+05	1.518E+05
-26	1.328E+05	1.378E+05	1.430E+05
-25	1.252E+05	1.299E+05	1.347E+05
-24	1.182E+05	1.225E+05	1.270E+05
-23	1.115E+05	1.156E+05	1.197E+05
-22	1.053E+05	1.090E+05	1.129E+05
-21	9.947E+04	1.029E+05	1.065E+05
-20	9.398E+04	9.718E+04	1.005E+05
-19	8.883E+04	9.180E+04	9.486E+04
-18	8.399E+04	8.675E+04	8.958E+04
-17	7.944E+04	8.199E+04	8.462E+04
-16	7.515E+04	7.752E+04	7.996E+04
-15	7.111E+04	7.331E+04	7.557E+04
-14	6.730E+04	6.935E+04	7.144E+04
-13	6.372E+04	6.562E+04	6.756E+04
-12	6.034E+04	6.210E+04	6.391E+04
-11	5.716E+04	5.880E+04	6.047E+04
-10	5.416E+04	5.568E+04	5.723E+04
-9	5.133E+04	5.273E+04	5.417E+04
-8	4.866E+04	4.996E+04	5.130E+04
-7	4.614E+04	4.735E+04	4.859E+04
-6	4.377E+04	4.489E+04	4.604E+04
-5	4.153E+04	4.257E+04	4.364E+04
-4	3.942E+04	4.039E+04	4.137E+04
-3	3.743E+04	3.833E+04	3.924E+04
-2	3.555E+04	3.638E+04	3.723E+04
-1	3.377E+04	3.455E+04	3.533E+04
0	3.210E+04	3.282E+04	3.355E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.210E+04	3.282E+04	3.355E+04
1	3.051E+04	3.118E+04	3.186E+04
2	2.902E+04	2.964E+04	3.026E+04
3	2.760E+04	2.818E+04	2.876E+04
4	2.627E+04	2.680E+04	2.734E+04
5	2.500E+04	2.549E+04	2.599E+04
6	2.380E+04	2.426E+04	2.472E+04
7	2.267E+04	2.309E+04	2.352E+04
8	2.160E+04	2.199E+04	2.239E+04
9	2.058E+04	2.095E+04	2.131E+04
10	1.962E+04	1.996E+04	2.030E+04
11	1.871E+04	1.902E+04	1.934E+04
12	1.784E+04	1.813E+04	1.842E+04
13	1.702E+04	1.729E+04	1.756E+04
14	1.625E+04	1.649E+04	1.674E+04
15	1.551E+04	1.574E+04	1.597E+04
16	1.481E+04	1.502E+04	1.523E+04
17	1.415E+04	1.434E+04	1.454E+04
18	1.352E+04	1.370E+04	1.388E+04
19	1.292E+04	1.308E+04	1.325E+04
20	1.235E+04	1.250E+04	1.266E+04
21	1.181E+04	1.195E+04	1.209E+04
22	1.129E+04	1.142E+04	1.155E+04
23	1.081E+04	1.093E+04	1.104E+04
24	1.034E+04	1.045E+04	1.056E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.471E+03	9.571E+03	9.671E+03
27	9.063E+03	9.163E+03	9.263E+03
28	8.676E+03	8.775E+03	8.874E+03
29	8.307E+03	8.405E+03	8.504E+03
30	7.955E+03	8.053E+03	8.151E+03
31	7.621E+03	7.718E+03	7.815E+03
32	7.303E+03	7.399E+03	7.495E+03
33	6.999E+03	7.094E+03	7.190E+03
34	6.710E+03	6.804E+03	6.899E+03
35	6.435E+03	6.528E+03	6.621E+03
36	6.172E+03	6.264E+03	6.356E+03
37	5.922E+03	6.012E+03	6.104E+03
38	5.683E+03	5.772E+03	5.862E+03
39	5.455E+03	5.543E+03	5.632E+03
40	5.238E+03	5.325E+03	5.412E+03
41	5.031E+03	5.116E+03	5.202E+03
42	4.832E+03	4.916E+03	5.001E+03
43	4.643E+03	4.726E+03	4.809E+03
44	4.463E+03	4.543E+03	4.625E+03
45	4.290E+03	4.369E+03	4.450E+03
46	4.125E+03	4.203E+03	4.282E+03
47	3.967E+03	4.044E+03	4.121E+03
48	3.817E+03	3.892E+03	3.968E+03
49	3.672E+03	3.746E+03	3.821E+03
50	3.535E+03	3.607E+03	3.680E+03

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B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.535E+03	3.607E+03	3.680E+03
51	3.403E+03	3.474E+03	3.546E+03
52	3.277E+03	3.346E+03	3.417E+03
53	3.156E+03	3.224E+03	3.293E+03
54	3.040E+03	3.107E+03	3.175E+03
55	2.929E+03	2.995E+03	3.061E+03
56	2.823E+03	2.887E+03	2.953E+03
57	2.722E+03	2.784E+03	2.848E+03
58	2.624E+03	2.686E+03	2.748E+03
59	2.531E+03	2.591E+03	2.652E+03
60	2.441E+03	2.500E+03	2.560E+03
61	2.355E+03	2.413E+03	2.472E+03
62	2.273E+03	2.330E+03	2.387E+03
63	2.194E+03	2.249E+03	2.306E+03
64	2.118E+03	2.172E+03	2.228E+03
65	2.045E+03	2.098E+03	2.153E+03
66	1.975E+03	2.027E+03	2.081E+03
67	1.908E+03	1.959E+03	2.011E+03
68	1.844E+03	1.894E+03	1.945E+03
69	1.782E+03	1.831E+03	1.880E+03
70	1.722E+03	1.770E+03	1.819E+03
71	1.665E+03	1.712E+03	1.759E+03
72	1.610E+03	1.656E+03	1.702E+03
73	1.557E+03	1.602E+03	1.648E+03
74	1.506E+03	1.550E+03	1.595E+03
75	1.457E+03	1.500E+03	1.544E+03
76	1.410E+03	1.452E+03	1.495E+03
77	1.365E+03	1.406E+03	1.448E+03
78	1.321E+03	1.361E+03	1.402E+03
79	1.279E+03	1.318E+03	1.359E+03
80	1.239E+03	1.277E+03	1.316E+03
81	1.200E+03	1.237E+03	1.276E+03
82	1.162E+03	1.199E+03	1.237E+03
83	1.126E+03	1.162E+03	1.199E+03
84	1.091E+03	1.126E+03	1.163E+03
85	1.058E+03	1.092E+03	1.128E+03
86	1.025E+03	1.059E+03	1.094E+03
87	9.941E+02	1.027E+03	1.061E+03
88	9.640E+02	9.964E+02	1.030E+03
89	9.350E+02	9.667E+02	9.994E+02
90	9.070E+02	9.381E+02	9.701E+02
91	8.801E+02	9.104E+02	9.418E+02
92	8.540E+02	8.837E+02	9.144E+02
93	8.289E+02	8.580E+02	8.880E+02
94	8.046E+02	8.331E+02	8.625E+02
95	7.811E+02	8.090E+02	8.379E+02
96	7.585E+02	7.858E+02	8.140E+02
97	7.366E+02	7.633E+02	7.910E+02
98	7.154E+02	7.416E+02	7.687E+02
99	6.950E+02	7.206E+02	7.472E+02
100	6.752E+02	7.003E+02	7.263E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.752E+02	7.003E+02	7.263E+02
101	6.560E+02	6.807E+02	7.061E+02
102	6.375E+02	6.616E+02	6.866E+02
103	6.196E+02	6.432E+02	6.677E+02
104	6.023E+02	6.254E+02	6.494E+02
105	5.856E+02	6.082E+02	6.317E+02
106	5.694E+02	5.916E+02	6.146E+02
107	5.538E+02	5.755E+02	5.980E+02
108	5.387E+02	5.600E+02	5.820E+02
109	5.240E+02	5.449E+02	5.665E+02
110	5.099E+02	5.303E+02	5.515E+02
111	4.963E+02	5.163E+02	5.371E+02
112	4.831E+02	5.027E+02	5.231E+02
113	4.703E+02	4.895E+02	5.095E+02
114	4.579E+02	4.767E+02	4.963E+02
115	4.458E+02	4.643E+02	4.835E+02
116	4.342E+02	4.523E+02	4.711E+02
117	4.229E+02	4.407E+02	4.591E+02
118	4.119E+02	4.294E+02	4.475E+02
119	4.013E+02	4.184E+02	4.361E+02
120	3.910E+02	4.077E+02	4.252E+02
121	3.810E+02	3.974E+02	4.145E+02
122	3.713E+02	3.874E+02	4.041E+02
123	3.619E+02	3.776E+02	3.941E+02
124	3.527E+02	3.682E+02	3.843E+02
125	3.439E+02	3.590E+02	3.748E+02