NTC THERMISTOR R-T CHARACTERISTICS

TYPE	FH10-6Q103F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3410 K	B+TOLERANCE(K)	34.1	B-TOLERANCE(K)	34.1

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	2.052E+05	2.140E+05	2.231E+05
-39	1.938E+05	2.019E+05	2.104E+05
-38	1.831E+05	1.907E+05	1.986E+05
-37	1.730E+05	1.801E+05	1.874E+05
-36	1.636E+05	1.702E+05	1.770E+05
-35	1.547E+05	1.609E+05	1.672E+05
-34	1.464E+05	1.521E+05	1.580E+05
-33	1.386E+05	1.439E+05	1.494E+05
-32	1.312E+05	1.362E+05	1.413E+05
-31	1.243E+05	1.289E+05	1.337E+05
-30	1.178E+05	1.221E+05	1.265E+05
-29	1.116E+05	1.157E+05	1.198E+05
-28	1.059E+05	1.096E+05	1.135E+05
-27	1.004E+05	1.039E+05	1.075E+05
-26	9.530E+04	9.856E+04	1.019E+05
-25	9.047E+04	9.351E+04	9.665E+04
-24	8.591E+04	8.875E+04	9.167E+04
-23	8.161E+04	8.426E+04	8.699E+04
-22	7.755E+04	8.002E+04	8.257E+04
-21	7.371E+04	7.603E+04	7.841E+04
-20	7.009E+04	7.226E+04	7.448E+04
-19	6.667E+04	6.869E+04	7.077E+04
-18	6.344E+04	6.533E+04	6.726E+04
-17	6.038E+04	6.215E+04	6.396E+04
-16	5.749E+04	5.914E+04	6.083E+04
-15	5.476E+04	5.630E+04	5.788E+04
-14	5.217E+04	5.361E+04	5.509E+04
-13	4.972E+04	5.107E+04	5.245E+04
-12	4.741E+04	4.867E+04	4.996E+04
-11	4.521E+04	4.639E+04	4.759E+04
-10	4.313E+04	4.423E+04	4.536E+04
-9	4.115E+04	4.219E+04	4.324E+04
-8	3.928E+04	4.025E+04	4.123E+04
-7	3.751E+04	3.841E+04	3.933E+04
-6	3.582E+04	3.667E+04	3.753E+04
-5	3.423E+04	3.502E+04	3.582E+04
-4	3.271E+04	3.345E+04	3.421E+04
-3	3.127E+04	3.197E+04	3.267E+04
-2	2.991E+04	3.055E+04	3.121E+04
-1	2.861E+04	2.921E+04	2.983E+04
0	2.737E+04	2.794E+04	2.852E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.737E+04	2.794E+04	2.852E+04
1	2.620E+04	2.673E+04	2.727E+04
2	2.508E+04	2.558E+04	2.608E+04
3	2.402E+04	2.449E+04	2.496E+04
4	2.301E+04	2.344E+04	2.389E+04
5	2.205E+04	2.245E+04	2.287E+04
6	2.113E+04	2.151E+04	2.190E+04
7	2.026E+04	2.061E+04	2.097E+04
8	1.943E+04	1.976E+04	2.010E+04
9	1.864E+04	1.895E+04	1.926E+04
10	1.788E+04	1.817E+04	1.846E+04
11	1.716E+04	1.743E+04	1.770E+04
12	1.647E+04	1.673E+04	1.698E+04
13	1.582E+04	1.605E+04	1.629E+04
14	1.519E+04	1.541E+04	1.563E+04
15	1.459E+04	1.480E+04	1.501E+04
16	1.402E+04	1.421E+04	1.441E+04
17	1.348E+04	1.366E+04	1.384E+04
18	1.296E+04	1.312E+04	1.329E+04
19	1.246E+04	1.262E+04	1.277E+04
20	1.198E+04	1.213E+04	1.227E+04
21	1.153E+04	1.166E+04	1.180E+04
22	1.109E+04	1.122E+04	1.135E+04
23	1.068E+04	1.080E+04	1.091E+04
24	1.028E+04	1.039E+04	1.050E+04
25	9.900E+03	1.000E+04	1.010E+04
26	9.528E+03	9.628E+03	9.728E+03
27	9.172E+03	9.272E+03	9.372E+03
28	8.832E+03	8.931E+03	9.031E+03
29	8.506E+03	8.605E+03	8.704E+03
30	8.193E+03	8.292E+03	8.391E+03
31	7.894E+03	7.992E+03	8.090E+03
32	7.608E+03	7.705E+03	7.803E+03
33	7.334E+03	7.430E+03	7.527E+03
34	7.071E+03	7.166E+03	7.262E+03
35	6.818E+03	6.913E+03	7.008E+03
36	6.577E+03	6.670E+03	6.764E+03
37	6.345E+03	6.437E+03	6.530E+03
38	6.122E+03	6.214E+03	6.306E+03
39	5.909E+03	5.999E+03	6.090E+03
40	5.704E+03	5.793E+03	5.883E+03
41	5.507E+03	5.595E+03	5.684E+03
42	5.318E+03	5.405E+03	5.493E+03
43	5.137E+03	5.223E+03	5.309E+03
44	4.963E+03	5.047E+03	5.133E+03
45	4.795E+03	4.879E+03	4.963E+03
46	4.634E+03	4.717E+03	4.800E+03
47	4.480E+03	4.561E+03	4.643E+03
48	4.331E+03	4.411E+03	4.492E+03
49	4.188E+03	4.267E+03	4.346E+03
50	4.051E+03	4.128E+03	4.206E+03

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25	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3410 K	B+TOLERANCE(K)	34.1	B-TOLERANCE(K)	34.1

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	4.051E+03	4.128E+03	4.206E+03
51	3.918E+03	3.994E+03	4.072E+03
52	3.791E+03	3.866E+03	3.942E+03
53	3.669E+03	3.742E+03	3.817E+03
54	3.551E+03	3.623E+03	3.697E+03
55	3.437E+03	3.508E+03	3.581E+03
56	3.328E+03	3.398E+03	3.469E+03
57	3.223E+03	3.291E+03	3.361E+03
58	3.121E+03	3.189E+03	3.258E+03
59	3.023E+03	3.090E+03	3.158E+03
60	2.929E+03	2.995E+03	3.061E+03
61	2.838E+03	2.903E+03	2.968E+03
62	2.751E+03	2.814E+03	2.878E+03
63	2.666E+03	2.728E+03	2.791E+03
64	2.585E+03	2.646E+03	2.708E+03
65	2.506E+03	2.566E+03	2.627E+03
66	2.430E+03	2.489E+03	2.549E+03
67	2.357E+03	2.415E+03	2.474E+03
68	2.287E+03	2.343E+03	2.401E+03
69	2.218E+03	2.274E+03	2.331E+03
70	2.153E+03	2.207E+03	2.263E+03
71	2.089E+03	2.143E+03	2.198E+03
72	2.028E+03	2.080E+03	2.134E+03
73	1.969E+03	2.020E+03	2.073E+03
74	1.911E+03	1.962E+03	2.014E+03
75	1.856E+03	1.906E+03	1.957E+03
76	1.803E+03	1.851E+03	1.901E+03
77	1.751E+03	1.799E+03	1.848E+03
78	1.701E+03	1.748E+03	1.796E+03
79	1.653E+03	1.699E+03	1.746E+03
80	1.606E+03	1.651E+03	1.698E+03
81	1.561E+03	1.605E+03	1.651E+03
82	1.517E+03	1.561E+03	1.605E+03
83	1.475E+03	1.518E+03	1.562E+03
84	1.434E+03	1.476E+03	1.519E+03
85	1.394E+03	1.435E+03	1.478E+03
86	1.356E+03	1.396E+03	1.438E+03
87	1.318E+03	1.358E+03	1.399E+03
88	1.282E+03	1.321E+03	1.362E+03
89	1.248E+03	1.286E+03	1.325E+03
90	1.214E+03	1.251E+03	1.290E+03
91	1.181E+03	1.218E+03	1.256E+03
92	1.149E+03	1.186E+03	1.223E+03
93	1.119E+03	1.154E+03	1.191E+03
94	1.089E+03	1.124E+03	1.160E+03
95	1.060E+03	1.094E+03	1.129E+03
96	1.032E+03	1.066E+03	1.100E+03
97	1.005E+03	1.038E+03	1.072E+03
98	9.783E+02	1.011E+03	1.044E+03
99	9.526E+02	9.844E+02	1.017E+03
100	9.277E+02	9.588E+02	9.909E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	9.277E+02	9.588E+02	9.909E+02
101	9.035E+02	9.341E+02	9.656E+02
102	8.800E+02	9.100E+02	9.409E+02
103	8.571E+02	8.866E+02	9.169E+02
104	8.350E+02	8.638E+02	8.936E+02
105	8.134E+02	8.417E+02	8.710E+02
106	7.925E+02	8.203E+02	8.490E+02
107	7.721E+02	7.994E+02	8.275E+02
108	7.523E+02	7.791E+02	8.067E+02
109	7.331E+02	7.593E+02	7.865E+02
110	7.144E+02	7.401E+02	7.667E+02
111	6.960E+02	7.213E+02	7.474E+02
112	6.783E+02	7.030E+02	7.287E+02
113	6.610E+02	6.853E+02	7.104E+02
114	6.442E+02	6.681E+02	6.927E+02
115	6.279E+02	6.513E+02	6.755E+02
116	6.121E+02	6.350E+02	6.588E+02
117	5.967E+02	6.192E+02	6.425E+02
118	5.818E+02	6.039E+02	6.267E+02
119	5.673E+02	5.890E+02	6.114E+02
120	5.532E+02	5.745E+02	5.965E+02
121	5.396E+02	5.604E+02	5.820E+02
122	5.263E+02	5.467E+02	5.679E+02
123	5.134E+02	5.334E+02	5.542E+02
124	5.008E+02	5.205E+02	5.409E+02
125	4.886E+02	5.079E+02	5.280E+02