NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TX03-4F104F[D,B]

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	100000 Ω	R+TOLERANCE(%)	1.0	R-TOLERANCE(%)	1.0
B(T1℃/T2℃)	4250 K	B+TOLERANCE(K)	12.75	B-TOLERANCE(K)	12.75

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
−40	4.943E+06	5.053E+06	5.165E+06
−39	4.587E+06	4.688E+06	4.790E+06
−38	4.259E+06	4.352E+06	4.446E+06
−37	3.957E+06	4.042E+06	4.128E+06
−36	3.678E+06	3.756E+06	3.836E+06
−35	3.421E+06	3.493E+06	3.566E+06
−34	3.184E+06	3.250E+06	3.318E+06
−33	2.965E+06	3.026E+06	3.088E+06
−32	2.762E+06	2.819E+06	2.876E+06
−31	2.575E+06	2.627E+06	2.680E+06
−30	2.402E+06	2.450E+06	2.498E+06
−29	2.243E+06	2.287E+06	2.332E+06
−28	2.095E+06	2.136E+06	2.177E+06
−27	1.957E+06	1.995E+06	2.033E+06
−26	1.830E+06	1.865E+06	1.900E+06
−25	1.711E+06	1.743E+06	1.776E+06
−24	1.601E+06	1.631E+06	1.661E+06
−23	1.498E+06	1.526E+06	1.554E+06
−22	1.403E+06	1.428E+06	1.454E+06
−21	1.314E+06	1.337E+06	1.361E+06
−20	1.231E+06	1.253E+06	1.275E+06
−19	1.154E+06	1.174E+06	1.194E+06
−18	1.082E+06	1.100E+06	1.119E+06
−17	1.015E+06	1.032E+06	1.050E+06
−16	9.520E+05	9.682E+05	9.846E+05
−15	8.937E+05	9.088E+05	9.239E+05
−14	8.394E+05	8.533E+05	8.674E+05
−13	7.886E+05	8.016E+05	8.147E+05
−12	7.413E+05	7.533E+05	7.655E+05
−11	6.971E+05	7.083E+05	7.196E+05
−10	6.558E+05	6.662E+05	6.767E+05
−9	6.171E+05	6.268E+05	6.365E+05
−8	5.809E+05	5.899E+05	5.990E+05
−7	5.472E+05	5.555E+05	5.640E+05
−6	5.156E+05	5.234E+05	5.312E+05
−5	4.860E+05	4.933E+05	5.006E+05
−4	4.583E+05	4.651E+05	4.719E+05
−3	4.324E+05	4.387E+05	4.450E+05
−2	4.081E+05	4.140E+05	4.199E+05
−1	3.853E+05	3.908E+05	3.963E+05
0	3.640E+05	3.691E+05	3.742E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	3.640E+05	3.691E+05	3.742E+05
1	3.439E+05	3.487E+05	3.535E+05
2	3.251E+05	3.296E+05	3.341E+05
3	3.075E+05	3.116E+05	3.158E+05
4	2.909E+05	2.948E+05	2.987E+05
5	2.753E+05	2.790E+05	2.826E+05
6	2.607E+05	2.641E+05	2.675E+05
7	2.469E+05	2.501E+05	2.533E+05
8	2.340E+05	2.370E+05	2.400E+05
9	2.218E+05	2.246E+05	2.274E+05
10	2.103E+05	2.129E+05	2.156E+05
11	1.995E+05	2.020E+05	2.044E+05
12	1.894E+05	1.916E+05	1.939E+05
13	1.798E+05	1.819E+05	1.841E+05
14	1.707E+05	1.727E+05	1.747E+05
15	1.622E+05	1.641E+05	1.660E+05
16	1.541E+05	1.559E+05	1.577E+05
17	1.465E+05	1.482E+05	1.499E+05
18	1.394E+05	1.409E+05	1.425E+05
19	1.326E+05	1.340E+05	1.355E+05
20	1.262E+05	1.276E+05	1.289E+05
21	1.201E+05	1.214E+05	1.227E+05
22	1.144E+05	1.156E+05	1.168E+05
23	1.090E+05	1.101E+05	1.112E+05
24	1.039E+05	1.049E+05	1.060E+05
25	9.900E+04	1.000E+05	1.010E+05
26	9.438E+04	9.534E+04	9.631E+04
27	9.000E+04	9.093E+04	9.187E+04
28	8.585E+04	8.675E+04	8.766E+04
29	8.191E+04	8.279E+04	8.366E+04
30	7.819E+04	7.903E+04	7.988E+04
31	7.465E+04	7.547E+04	7.629E+04
32	7.130E+04	7.209E+04	7.288E+04
33	6.811E+04	6.888E+04	6.964E+04
34	6.509E+04	6.583E+04	6.657E+04
35	6.222E+04	6.294E+04	6.366E+04
36	5.950E+04	6.019E+04	6.089E+04
37	5.691E+04	5.758E+04	5.825E+04
38	5.445E+04	5.510E+04	5.575E+04
39	5.211E+04	5.274E+04	5.337E+04
40	4.989E+04	5.050E+04	5.111E+04
41	4.777E+04	4.836E+04	4.895E+04
42	4.576E+04	4.633E+04	4.690E+04
43	4.384E+04	4.440E+04	4.495E+04
44	4.202E+04	4.255E+04	4.309E+04
45	4.028E+04	4.080E+04	4.132E+04
46	3.863E+04	3.913E+04	3.963E+04
47	3.705E+04	3.754E+04	3.803E+04
48	3.555E+04	3.602E+04	3.649E+04
49	3.412E+04	3.457E+04	3.503E+04
50	3.275E+04	3.319E+04	3.364E+04

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R at T0℃	100000 Ω	R+TOLERANCE(%)	1.0	R-TOLERANCE(%)	1.0
B(T1℃/T2℃)	4250 K	B+TOLERANCE(K)	12.75	B-TOLERANCE(K)	12.75

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.275E+04	3.319E+04	3.364E+04
51	3.145E+04	3.188E+04	3.231E+04
52	3.021E+04	3.062E+04	3.104E+04
53	2.902E+04	2.942E+04	2.983E+04
54	2.789E+04	2.828E+04	2.867E+04
55	2.681E+04	2.719E+04	2.757E+04
56	2.578E+04	2.614E+04	2.651E+04
57	2.479E+04	2.514E+04	2.550E+04
58	2.385E+04	2.419E+04	2.454E+04
59	2.295E+04	2.328E+04	2.361E+04
60	2.208E+04	2.241E+04	2.273E+04
61	2.126E+04	2.157E+04	2.189E+04
62	2.047E+04	2.078E+04	2.108E+04
63	1.972E+04	2.001E+04	2.031E+04
64	1.899E+04	1.928E+04	1.957E+04
65	1.830E+04	1.858E+04	1.886E+04
66	1.764E+04	1.791E+04	1.818E+04
67	1.701E+04	1.727E+04	1.753E+04
68	1.640E+04	1.665E+04	1.691E+04
69	1.582E+04	1.606E+04	1.631E+04
70	1.526E+04	1.550E+04	1.574E+04
71	1.472E+04	1.496E+04	1.519E+04
72	1.421E+04	1.444E+04	1.466E+04
73	1.371E+04	1.394E+04	1.416E+04
74	1.324E+04	1.346E+04	1.367E+04
75	1.279E+04	1.300E+04	1.321E+04
76	1.235E+04	1.256E+04	1.276E+04
77	1.193E+04	1.213E+04	1.233E+04
78	1.153E+04	1.172E+04	1.192E+04
79	1.115E+04	1.133E+04	1.152E+04
80	1.078E+04	1.096E+04	1.114E+04
81	1.042E+04	1.060E+04	1.077E+04
82	1.008E+04	1.025E+04	1.042E+04
83	9.748E+03	9.915E+03	1.008E+04
84	9.431E+03	9.594E+03	9.758E+03
85	9.126E+03	9.285E+03	9.445E+03
86	8.833E+03	8.987E+03	9.144E+03
87	8.551E+03	8.701E+03	8.853E+03
88	8.280E+03	8.426E+03	8.574E+03
89	8.018E+03	8.161E+03	8.305E+03
90	7.767E+03	7.906E+03	8.046E+03
91	7.524E+03	7.659E+03	7.796E+03
92	7.291E+03	7.422E+03	7.556E+03
93	7.066E+03	7.194E+03	7.324E+03
94	6.849E+03	6.974E+03	7.101E+03
95	6.640E+03	6.762E+03	6.885E+03
96	6.439E+03	6.558E+03	6.678E+03
97	6.245E+03	6.361E+03	6.478E+03
98	6.058E+03	6.171E+03	6.285E+03
99	5.877E+03	5.987E+03	6.099E+03
100	5.703E+03	5.811E+03	5.919E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	5.703E+03	5.811E+03	5.919E+03
101	5.536E+03	5.640E+03	5.746E+03
102	5.374E+03	5.476E+03	5.580E+03
103	5.218E+03	5.317E+03	5.418E+03
104	5.067E+03	5.164E+03	5.263E+03
105	4.921E+03	5.016E+03	5.112E+03
106	4.781E+03	4.873E+03	4.967E+03
107	4.645E+03	4.735E+03	4.827E+03
108	4.513E+03	4.602E+03	4.691E+03
109	4.386E+03	4.472E+03	4.560E+03
110	4.264E+03	4.348E+03	4.433E+03
111	4.145E+03	4.227E+03	4.310E+03
112	4.030E+03	4.110E+03	4.191E+03
113	3.918E+03	3.997E+03	4.076E+03
114	3.811E+03	3.888E+03	3.965E+03
115	3.707E+03	3.782E+03	3.858E+03
116	3.607E+03	3.680E+03	3.754E+03
117	3.509E+03	3.581E+03	3.653E+03
118	3.415E+03	3.485E+03	3.556E+03
119	3.324E+03	3.392E+03	3.462E+03
120	3.236E+03	3.303E+03	3.370E+03
121	3.151E+03	3.216E+03	3.283E+03
122	3.069E+03	3.133E+03	3.197E+03
123	2.989E+03	3.051E+03	3.115E+03
124	2.912E+03	2.973E+03	3.035E+03
125	2.837E+03	2.897E+03	2.957E+03