NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TX05-3H103D[R,B]

RESISTANCE(at25℃)	10000 Ω	R-TOLERANCE(±)	0.5 %
B-VALUE(25/50℃)	3380 K	B-TOLERANCE(±)	0.3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.7233E+05	1.7484E+05	1.7739E+05
-39	1.6334E+05	1.6569E+05	1.6807E+05
-38	1.5490E+05	1.5710E+05	1.5933E+05
-37	1.4698E+05	1.4904E+05	1.5113E+05
-36	1.3953E+05	1.4146E+05	1.4342E+05
-35	1.3253E+05	1.3434E+05	1.3617E+05
-34	1.2594E+05	1.2764E+05	1.2936E+05
-33	1.1974E+05	1.2133E+05	1.2294E+05
-32	1.1389E+05	1.1539E+05	1.1690E+05
-31	1.0838E+05	1.0978E+05	1.1120E+05
-30	1.0318E+05	1.0450E+05	1.0583E+05
-29	9.8298E+04	9.9538E+04	1.0079E+05
-28	9.3680E+04	9.4846E+04	9.6023E+04
-27	8.9308E+04	9.0404E+04	9.1511E+04
-26	8.5168E+04	8.6198E+04	8.7239E+04
-25	8.1244E+04	8.2214E+04	8.3193E+04
-24	7.7524E+04	7.8437E+04	7.9358E+04
-23	7.3997E+04	7.4856E+04	7.5722E+04
-22	7.0650E+04	7.1459E+04	7.2274E+04
-21	6.7474E+04	6.8235E+04	6.9003E+04
-20	6.4458E+04	6.5175E+04	6.5898E+04
-19	6.1616E+04	6.2291E+04	6.2972E+04
-18	5.8909E+04	5.9545E+04	6.0187E+04
-17	5.6329E+04	5.6929E+04	5.7533E+04
-16	5.3872E+04	5.4437E+04	5.5006E+04
-15	5.1530E+04	5.2062E+04	5.2599E+04
-14	4.9297E+04	4.9799E+04	5.0305E+04
-13	4.7169E+04	4.7643E+04	4.8119E+04
-12	4.5141E+04	4.5587E+04	4.6036E+04
-11	4.3206E+04	4.3627E+04	4.4050E+04
-10	4.1361E+04	4.1758E+04	4.2157E+04
-9	3.9613E+04	3.9987E+04	4.0363E+04
-8	3.7942E+04	3.8294E+04	3.8649E+04
-7	3.6344E+04	3.6677E+04	3.7011E+04
-6	3.4817E+04	3.5131E+04	3.5446E+04
-5	3.3358E+04	3.3653E+04	3.3950E+04
-4	3.1963E+04	3.2241E+04	3.2522E+04
-3	3.0630E+04	3.0892E+04	3.1156E+04
-2	2.9356E+04	2.9603E+04	2.9852E+04
-1	2.8138E+04	2.8372E+04	2.8606E+04
0	2.6975E+04	2.7195E+04	2.7416E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	2.6975E+04	2.7195E+04	2.7416E+04
1	2.5858E+04	2.6065E+04	2.6273E+04
2	2.4792E+04	2.4987E+04	2.5184E+04
3	2.3775E+04	2.3959E+04	2.4144E+04
4	2.2804E+04	2.2978E+04	2.3152E+04
5	2.1877E+04	2.2041E+04	2.2206E+04
6	2.0993E+04	2.1147E+04	2.1302E+04
7	2.0148E+04	2.0293E+04	2.0439E+04
8	1.9341E+04	1.9478E+04	1.9616E+04
9	1.8570E+04	1.8699E+04	1.8829E+04
10	1.7833E+04	1.7955E+04	1.8077E+04
11	1.7129E+04	1.7244E+04	1.7359E+04
12	1.6456E+04	1.6564E+04	1.6673E+04
13	1.5813E+04	1.5915E+04	1.6017E+04
14	1.5197E+04	1.5294E+04	1.5390E+04
15	1.4609E+04	1.4700E+04	1.4791E+04
16	1.4046E+04	1.4132E+04	1.4217E+04
17	1.3508E+04	1.3588E+04	1.3669E+04
18	1.2992E+04	1.3068E+04	1.3144E+04
19	1.2499E+04	1.2571E+04	1.2642E+04
20	1.2027E+04	1.2094E+04	1.2162E+04
21	1.1575E+04	1.1638E+04	1.1702E+04
22	1.1142E+04	1.1202E+04	1.1262E+04
23	1.0728E+04	1.0784E+04	1.0840E+04
24	1.0330E+04	1.0384E+04	1.0437E+04
25	9.9500E+03	1.0000E+04	1.0050E+04
26	9.5833E+03	9.6325E+03	9.6818E+03
27	9.2319E+03	9.2804E+03	9.3289E+03
28	8.8952E+03	8.9430E+03	8.9907E+03
29	8.5725E+03	8.6195E+03	8.6665E+03
30	8.2631E+03	8.3093E+03	8.3555E+03
31	7.9665E+03	8.0119E+03	8.0574E+03
32	7.6821E+03	7.7268E+03	7.7715E+03
33	7.4093E+03	7.4532E+03	7.4971E+03
34	7.1477E+03	7.1907E+03	7.2339E+03
35	6.8966E+03	6.9389E+03	6.9813E+03
36	6.6556E+03	6.6972E+03	6.7388E+03
37	6.4244E+03	6.4651E+03	6.5060E+03
38	6.2023E+03	6.2424E+03	6.2825E+03
39	5.9891E+03	6.0284E+03	6.0678E+03
40	5.7844E+03	5.8230E+03	5.8616E+03

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RESISTANCE(at25℃)	10000 Ω	R-TOLERANCE(±)	0.5 %
B-VALUE(25/50℃)	3380 K	B-TOLERANCE(±)	0.3 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	5.7844E+03	5.8230E+03	5.8616E+03
41	5.5879E+03	5.6257E+03	5.6636E+03
42	5.3991E+03	5.4362E+03	5.4734E+03
43	5.2176E+03	5.2540E+03	5.2905E+03
44	5.0432E+03	5.0789E+03	5.1147E+03
45	4.8755E+03	4.9105E+03	4.9456E+03
46	4.7143E+03	4.7486E+03	4.7830E+03
47	4.5592E+03	4.5929E+03	4.6266E+03
48	4.4101E+03	4.4430E+03	4.4761E+03
49	4.2666E+03	4.2989E+03	4.3313E+03
50	4.1285E+03	4.1601E+03	4.1920E+03
51	3.9956E+03	4.0266E+03	4.0578E+03
52	3.8677E+03	3.8981E+03	3.9287E+03
53	3.7445E+03	3.7743E+03	3.8043E+03
54	3.6258E+03	3.6551E+03	3.6844E+03
55	3.5116E+03	3.5402E+03	3.5690E+03
56	3.4015E+03	3.4295E+03	3.4577E+03
57	3.2954E+03	3.3228E+03	3.3505E+03
58	3.1931E+03	3.2200E+03	3.2471E+03
59	3.0945E+03	3.1209E+03	3.1474E+03
60	2.9994E+03	3.0253E+03	3.0513E+03
61	2.9077E+03	2.9331E+03	2.9585E+03
62	2.8193E+03	2.8441E+03	2.8691E+03
63	2.7339E+03	2.7583E+03	2.7827E+03
64	2.6516E+03	2.6754E+03	2.6994E+03
65	2.5722E+03	2.5955E+03	2.6190E+03
66	2.4955E+03	2.5184E+03	2.5414E+03
67	2.4215E+03	2.4439E+03	2.4665E+03
68	2.3501E+03	2.3720E+03	2.3941E+03
69	2.2811E+03	2.3026E+03	2.3243E+03
70	2.2145E+03	2.2356E+03	2.2568E+03
71	2.1501E+03	2.1708E+03	2.1915E+03
72	2.0879E+03	2.1081E+03	2.1285E+03
73	2.0278E+03	2.0477E+03	2.0676E+03
74	1.9698E+03	1.9892E+03	2.0088E+03
75	1.9137E+03	1.9327E+03	1.9519E+03
76	1.8595E+03	1.8781E+03	1.8969E+03
77	1.8071E+03	1.8254E+03	1.8438E+03
78	1.7564E+03	1.7743E+03	1.7924E+03
79	1.7074E+03	1.7250E+03	1.7427E+03
80	1.6601E+03	1.6773E+03	1.6946E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.6601E+03	1.6773E+03	1.6946E+03
81	1.6143E+03	1.6311E+03	1.6481E+03
82	1.5700E+03	1.5865E+03	1.6032E+03
83	1.5271E+03	1.5433E+03	1.5597E+03
84	1.4856E+03	1.5015E+03	1.5175E+03
85	1.4455E+03	1.4611E+03	1.4768E+03
86	1.4066E+03	1.4219E+03	1.4373E+03
87	1.3690E+03	1.3840E+03	1.3990E+03
88	1.3326E+03	1.3472E+03	1.3620E+03
89	1.2973E+03	1.3116E+03	1.3261E+03
90	1.2631E+03	1.2772E+03	1.2914E+03
91	1.2299E+03	1.2438E+03	1.2577E+03
92	1.1979E+03	1.2114E+03	1.2251E+03
93	1.1668E+03	1.1800E+03	1.1935E+03
94	1.1366E+03	1.1496E+03	1.1628E+03
95	1.1074E+03	1.1202E+03	1.1331E+03
96	1.0791E+03	1.0916E+03	1.1043E+03
97	1.0516E+03	1.0639E+03	1.0763E+03
98	1.0250E+03	1.0370E+03	1.0492E+03
99	9.9915E+02	1.0110E+03	1.0229E+03
100	9.7410E+02	9.8571E+02	9.9743E+02
101	9.4979E+02	9.6118E+02	9.7269E+02
102	9.2621E+02	9.3739E+02	9.4867E+02
103	9.0333E+02	9.1430E+02	9.2537E+02
104	8.8113E+02	8.9189E+02	9.0275E+02
105	8.5957E+02	8.7013E+02	8.8080E+02
106	8.3865E+02	8.4901E+02	8.5948E+02
107	8.1834E+02	8.2851E+02	8.3878E+02
108	7.9862E+02	8.0860E+02	8.1868E+02
109	7.7946E+02	7.8926E+02	7.9916E+02
110	7.6086E+02	7.7048E+02	7.8019E+02
111	7.4279E+02	7.5223E+02	7.6177E+02
112	7.2524E+02	7.3451E+02	7.4387E+02
113	7.0819E+02	7.1728E+02	7.2648E+02
114	6.9162E+02	7.0055E+02	7.0958E+02
115	6.7551E+02	6.8428E+02	6.9315E+02
116	6.5986E+02	6.6847E+02	6.7718E+02
117	6.4465E+02	6.5310E+02	6.6165E+02
118	6.2985E+02	6.3816E+02	6.4656E+02
119	6.1547E+02	6.2363E+02	6.3188E+02
120	6.0149E+02	6.0950E+02	6.1760E+02
121	5.8791E+02	5.9578E+02	6.0374E+02
122	5.7470E+02	5.8243E+02	5.9025E+02
123	5.6185E+02	5.6944E+02	5.7712E+02
124	5.4934E+02	5.5680E+02	5.6434E+02
125	5.3716E+02	5.4449E+02	5.5191E+02