

## NTC THERMISTOR R-T CHARACTERISTICS

TYPE TH03-4F104F[D,B]

RESISTANCE(at25 )	100000	R-TOLERANCE(±)	1 %
B-VALUE(25/50 )	4250 K	B-TOLERANCE(±)	1 %

T( )	Rmin( )	Rnom( )	Rmax( )
-40	4.808E+006	5.053E+006	5.311E+006
-39	4.464E+006	4.688E+006	4.923E+006
-38	4.147E+006	4.352E+006	4.566E+006
-37	3.855E+006	4.042E+006	4.238E+006
-36	3.585E+006	3.756E+006	3.936E+006
-35	3.336E+006	3.493E+006	3.657E+006
-34	3.107E+006	3.250E+006	3.400E+006
-33	2.894E+006	3.026E+006	3.163E+006
-32	2.698E+006	2.819E+006	2.944E+006
-31	2.516E+006	2.627E+006	2.742E+006
-30	2.348E+006	2.450E+006	2.555E+006
-29	2.194E+006	2.287E+006	2.384E+006
-28	2.050E+006	2.136E+006	2.224E+006
-27	1.917E+006	1.995E+006	2.077E+006
-26	1.792E+006	1.865E+006	1.940E+006
-25	1.677E+006	1.743E+006	1.812E+006
-24	1.570E+006	1.631E+006	1.694E+006
-23	1.470E+006	1.526E+006	1.584E+006
-22	1.377E+006	1.428E+006	1.481E+006
-21	1.290E+006	1.337E+006	1.386E+006
-20	1.209E+006	1.253E+006	1.298E+006
-19	1.134E+006	1.174E+006	1.215E+006
-18	1.064E+006	1.100E+006	1.138E+006
-17	9.980E+005	1.032E+006	1.067E+006
-16	9.370E+005	9.682E+005	1.000E+006
-15	8.800E+005	9.088E+005	9.383E+005
-14	8.269E+005	8.533E+005	8.805E+005
-13	7.772E+005	8.016E+005	8.267E+005
-12	7.309E+005	7.533E+005	7.764E+005
-11	6.876E+005	7.083E+005	7.295E+005
-10	6.471E+005	6.662E+005	6.857E+005
-9	6.092E+005	6.268E+005	6.447E+005
-8	5.738E+005	5.899E+005	6.065E+005
-7	5.406E+005	5.555E+005	5.708E+005
-6	5.096E+005	5.234E+005	5.374E+005
-5	4.806E+005	4.933E+005	5.062E+005
-4	4.534E+005	4.651E+005	4.770E+005
-3	4.279E+005	4.387E+005	4.497E+005
-2	4.041E+005	4.140E+005	4.241E+005
-1	3.817E+005	3.908E+005	4.001E+005
0	3.607E+005	3.691E+005	3.777E+005

T( )	Rmin( )	Rnom( )	Rmax( )
0	3.607E+005	3.691E+005	3.777E+005
1	3.409E+005	3.487E+005	3.566E+005
2	3.224E+005	3.296E+005	3.369E+005
3	3.050E+005	3.116E+005	3.184E+005
4	2.887E+005	2.948E+005	3.010E+005
5	2.734E+005	2.790E+005	2.847E+005
6	2.589E+005	2.641E+005	2.693E+005
7	2.454E+005	2.501E+005	2.549E+005
8	2.326E+005	2.370E+005	2.414E+005
9	2.206E+005	2.246E+005	2.287E+005
10	2.092E+005	2.129E+005	2.167E+005
11	1.986E+005	2.020E+005	2.054E+005
12	1.885E+005	1.916E+005	1.948E+005
13	1.790E+005	1.819E+005	1.848E+005
14	1.701E+005	1.727E+005	1.754E+005
15	1.616E+005	1.641E+005	1.665E+005
16	1.537E+005	1.559E+005	1.582E+005
17	1.461E+005	1.482E+005	1.503E+005
18	1.390E+005	1.409E+005	1.428E+005
19	1.323E+005	1.340E+005	1.358E+005
20	1.260E+005	1.276E+005	1.291E+005
21	1.200E+005	1.214E+005	1.229E+005
22	1.143E+005	1.156E+005	1.169E+005
23	1.089E+005	1.101E+005	1.113E+005
24	1.038E+005	1.049E+005	1.060E+005
25	9.900E+004	1.000E+005	1.010E+005
26	9.434E+004	9.534E+004	9.634E+004
27	8.994E+004	9.093E+004	9.193E+004
28	8.576E+004	8.675E+004	8.774E+004
29	8.181E+004	8.279E+004	8.377E+004
30	7.806E+004	7.903E+004	8.001E+004
31	7.450E+004	7.547E+004	7.644E+004
32	7.113E+004	7.209E+004	7.305E+004
33	6.794E+004	6.888E+004	6.983E+004
34	6.490E+004	6.583E+004	6.677E+004
35	6.202E+004	6.294E+004	6.386E+004
36	5.929E+004	6.019E+004	6.110E+004
37	5.669E+004	5.758E+004	5.848E+004
38	5.422E+004	5.510E+004	5.598E+004
39	5.188E+004	5.274E+004	5.361E+004
40	4.965E+004	5.050E+004	5.135E+004

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RESISTANCE(at25 )	100000	R-TOLERANCE( ± )	1 %
B-VALUE(25/50 )	4250 K	B-TOLERANCE( ± )	1 %

T( )	Rmin( )	Rnom( )	Rmax( )
40	4.965E+004	5.050E+004	5.135E+004
41	4.753E+004	4.836E+004	4.920E+004
42	4.551E+004	4.633E+004	4.715E+004
43	4.360E+004	4.440E+004	4.521E+004
44	4.177E+004	4.255E+004	4.335E+004
45	4.003E+004	4.080E+004	4.158E+004
46	3.838E+004	3.913E+004	3.989E+004
47	3.680E+004	3.754E+004	3.829E+004
48	3.530E+004	3.602E+004	3.675E+004
49	3.387E+004	3.457E+004	3.529E+004
50	3.250E+004	3.319E+004	3.390E+004
51	3.120E+004	3.188E+004	3.257E+004
52	2.996E+004	3.062E+004	3.130E+004
53	2.878E+004	2.942E+004	3.008E+004
54	2.765E+004	2.828E+004	2.893E+004
55	2.657E+004	2.719E+004	2.782E+004
56	2.554E+004	2.614E+004	2.676E+004
57	2.455E+004	2.514E+004	2.575E+004
58	2.361E+004	2.419E+004	2.478E+004
59	2.271E+004	2.328E+004	2.386E+004
60	2.185E+004	2.241E+004	2.297E+004
61	2.103E+004	2.157E+004	2.213E+004
62	2.025E+004	2.078E+004	2.132E+004
63	1.950E+004	2.001E+004	2.054E+004
64	1.878E+004	1.928E+004	1.980E+004
65	1.809E+004	1.858E+004	1.909E+004
66	1.743E+004	1.791E+004	1.840E+004
67	1.680E+004	1.727E+004	1.775E+004
68	1.619E+004	1.665E+004	1.712E+004
69	1.561E+004	1.606E+004	1.652E+004
70	1.506E+004	1.550E+004	1.595E+004
71	1.453E+004	1.496E+004	1.540E+004
72	1.402E+004	1.444E+004	1.487E+004
73	1.353E+004	1.394E+004	1.436E+004
74	1.306E+004	1.346E+004	1.387E+004
75	1.261E+004	1.300E+004	1.340E+004
76	1.217E+004	1.256E+004	1.295E+004
77	1.176E+004	1.213E+004	1.252E+004
78	1.136E+004	1.172E+004	1.210E+004
79	1.098E+004	1.133E+004	1.170E+004
80	1.061E+004	1.096E+004	1.132E+004

T( )	Rmin( )	Rnom( )	Rmax( )
80	1.061E+004	1.096E+004	1.132E+004
81	1.026E+004	1.060E+004	1.095E+004
82	9.917E+003	1.025E+004	1.059E+004
83	9.591E+003	9.915E+003	1.025E+004
84	9.277E+003	9.594E+003	9.921E+003
85	8.975E+003	9.285E+003	9.604E+003
86	8.685E+003	8.987E+003	9.300E+003
87	8.406E+003	8.701E+003	9.007E+003
88	8.137E+003	8.426E+003	8.724E+003
89	7.878E+003	8.161E+003	8.453E+003
90	7.629E+003	7.906E+003	8.191E+003
91	7.389E+003	7.659E+003	7.938E+003
92	7.158E+003	7.422E+003	7.695E+003
93	6.936E+003	7.194E+003	7.461E+003
94	6.722E+003	6.974E+003	7.235E+003
95	6.515E+003	6.762E+003	7.017E+003
96	6.316E+003	6.558E+003	6.807E+003
97	6.125E+003	6.361E+003	6.605E+003
98	5.940E+003	6.171E+003	6.409E+003
99	5.762E+003	5.987E+003	6.221E+003
100	5.590E+003	5.811E+003	6.039E+003
101	5.425E+003	5.640E+003	5.864E+003
102	5.265E+003	5.476E+003	5.695E+003
103	5.111E+003	5.317E+003	5.532E+003
104	4.962E+003	5.164E+003	5.374E+003
105	4.819E+003	5.016E+003	5.221E+003
106	4.680E+003	4.873E+003	5.074E+003
107	4.546E+003	4.735E+003	4.932E+003
108	4.416E+003	4.602E+003	4.794E+003
109	4.291E+003	4.472E+003	4.661E+003
110	4.170E+003	4.348E+003	4.532E+003
111	4.053E+003	4.227E+003	4.407E+003
112	3.940E+003	4.110E+003	4.287E+003
113	3.830E+003	3.997E+003	4.170E+003
114	3.725E+003	3.888E+003	4.057E+003
115	3.622E+003	3.782E+003	3.948E+003
116	3.523E+003	3.680E+003	3.842E+003
117	3.428E+003	3.581E+003	3.740E+003
118	3.335E+003	3.485E+003	3.641E+003
119	3.246E+003	3.392E+003	3.545E+003
120	3.159E+003	3.303E+003	3.453E+003
121	3.075E+003	3.216E+003	3.363E+003
122	2.994E+003	3.132E+003	3.276E+003
123	2.916E+003	3.051E+003	3.192E+003
124	2.839E+003	2.972E+003	3.110E+003
125	2.766E+003	2.896E+003	3.031E+003