

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TH05-3J683F[R,B]

RESISTANCE(at25°C)	68000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50°C)	3450 K	B-TOLERANCE(±)	1 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.479E+06	1.543E+06	1.610E+06
-39	1.394E+06	1.454E+06	1.515E+06
-38	1.315E+06	1.370E+06	1.427E+06
-37	1.240E+06	1.292E+06	1.345E+06
-36	1.171E+06	1.218E+06	1.268E+06
-35	1.105E+06	1.150E+06	1.196E+06
-34	1.044E+06	1.085E+06	1.128E+06
-33	9.870E+05	1.025E+06	1.065E+06
-32	9.332E+05	9.688E+05	1.006E+06
-31	8.828E+05	9.159E+05	9.501E+05
-30	8.354E+05	8.662E+05	8.980E+05
-29	7.910E+05	8.197E+05	8.493E+05
-28	7.492E+05	7.759E+05	8.035E+05
-27	7.099E+05	7.348E+05	7.605E+05
-26	6.729E+05	6.961E+05	7.201E+05
-25	6.381E+05	6.597E+05	6.820E+05
-24	6.053E+05	6.255E+05	6.462E+05
-23	5.744E+05	5.932E+05	6.126E+05
-22	5.452E+05	5.628E+05	5.809E+05
-21	5.177E+05	5.341E+05	5.510E+05
-20	4.918E+05	5.071E+05	5.228E+05
-19	4.673E+05	4.816E+05	4.963E+05
-18	4.442E+05	4.576E+05	4.712E+05
-17	4.224E+05	4.349E+05	4.476E+05
-16	4.018E+05	4.134E+05	4.253E+05
-15	3.824E+05	3.932E+05	4.043E+05
-14	3.640E+05	3.741E+05	3.845E+05
-13	3.466E+05	3.560E+05	3.657E+05
-12	3.301E+05	3.390E+05	3.480E+05
-11	3.146E+05	3.228E+05	3.313E+05
-10	2.998E+05	3.076E+05	3.154E+05
-9	2.859E+05	2.931E+05	3.005E+05
-8	2.727E+05	2.794E+05	2.863E+05
-7	2.602E+05	2.665E+05	2.729E+05
-6	2.483E+05	2.542E+05	2.602E+05
-5	2.371E+05	2.426E+05	2.482E+05
-4	2.264E+05	2.316E+05	2.368E+05
-3	2.163E+05	2.211E+05	2.260E+05
-2	2.067E+05	2.112E+05	2.157E+05
-1	1.975E+05	2.017E+05	2.060E+05
0	1.889E+05	1.928E+05	1.968E+05

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.889E+05	1.928E+05	1.968E+05
1	1.806E+05	1.843E+05	1.880E+05
2	1.728E+05	1.762E+05	1.797E+05
3	1.653E+05	1.686E+05	1.718E+05
4	1.583E+05	1.613E+05	1.643E+05
5	1.515E+05	1.544E+05	1.572E+05
6	1.451E+05	1.478E+05	1.504E+05
7	1.391E+05	1.415E+05	1.440E+05
8	1.333E+05	1.356E+05	1.379E+05
9	1.278E+05	1.299E+05	1.321E+05
10	1.225E+05	1.245E+05	1.265E+05
11	1.175E+05	1.194E+05	1.213E+05
12	1.127E+05	1.145E+05	1.162E+05
13	1.082E+05	1.098E+05	1.115E+05
14	1.039E+05	1.054E+05	1.069E+05
15	9.972E+04	1.011E+05	1.026E+05
16	9.578E+04	9.709E+04	9.842E+04
17	9.201E+04	9.323E+04	9.447E+04
18	8.841E+04	8.955E+04	9.070E+04
19	8.497E+04	8.603E+04	8.710E+04
20	8.169E+04	8.268E+04	8.367E+04
21	7.855E+04	7.947E+04	8.039E+04
22	7.555E+04	7.640E+04	7.726E+04
23	7.268E+04	7.347E+04	7.427E+04
24	6.994E+04	7.068E+04	7.141E+04
25	6.732E+04	6.800E+04	6.868E+04
26	6.476E+04	6.544E+04	6.612E+04
27	6.232E+04	6.299E+04	6.367E+04
28	5.998E+04	6.065E+04	6.133E+04
29	5.774E+04	5.841E+04	5.908E+04
30	5.559E+04	5.626E+04	5.693E+04
31	5.354E+04	5.421E+04	5.487E+04
32	5.157E+04	5.223E+04	5.290E+04
33	4.969E+04	5.034E+04	5.100E+04
34	4.789E+04	4.853E+04	4.919E+04
35	4.616E+04	4.680E+04	4.744E+04
36	4.450E+04	4.513E+04	4.577E+04
37	4.291E+04	4.354E+04	4.417E+04
38	4.139E+04	4.201E+04	4.263E+04
39	3.992E+04	4.054E+04	4.116E+04
40	3.852E+04	3.913E+04	3.974E+04

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T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.852E+04	3.913E+04	3.974E+04
41	3.718E+04	3.778E+04	3.838E+04
42	3.589E+04	3.648E+04	3.708E+04
43	3.465E+04	3.524E+04	3.582E+04
44	3.347E+04	3.404E+04	3.462E+04
45	3.233E+04	3.289E+04	3.346E+04
46	3.123E+04	3.179E+04	3.235E+04
47	3.018E+04	3.072E+04	3.128E+04
48	2.916E+04	2.970E+04	3.025E+04
49	2.819E+04	2.872E+04	2.926E+04
50	2.726E+04	2.778E+04	2.831E+04
51	2.636E+04	2.687E+04	2.739E+04
52	2.549E+04	2.600E+04	2.651E+04
53	2.466E+04	2.516E+04	2.566E+04
54	2.386E+04	2.435E+04	2.485E+04
55	2.309E+04	2.357E+04	2.406E+04
56	2.235E+04	2.282E+04	2.330E+04
57	2.163E+04	2.210E+04	2.257E+04
58	2.094E+04	2.140E+04	2.187E+04
59	2.028E+04	2.073E+04	2.119E+04
60	1.964E+04	2.008E+04	2.053E+04
61	1.903E+04	1.946E+04	1.990E+04
62	1.844E+04	1.886E+04	1.930E+04
63	1.786E+04	1.828E+04	1.871E+04
64	1.731E+04	1.772E+04	1.814E+04
65	1.678E+04	1.719E+04	1.760E+04
66	1.627E+04	1.667E+04	1.707E+04
67	1.578E+04	1.616E+04	1.656E+04
68	1.530E+04	1.568E+04	1.607E+04
69	1.484E+04	1.521E+04	1.559E+04
70	1.439E+04	1.476E+04	1.514E+04
71	1.396E+04	1.432E+04	1.469E+04
72	1.355E+04	1.390E+04	1.426E+04
73	1.314E+04	1.349E+04	1.385E+04
74	1.276E+04	1.310E+04	1.345E+04
75	1.238E+04	1.272E+04	1.306E+04
76	1.202E+04	1.235E+04	1.269E+04
77	1.167E+04	1.200E+04	1.233E+04
78	1.134E+04	1.165E+04	1.198E+04
79	1.101E+04	1.132E+04	1.164E+04
80	1.070E+04	1.100E+04	1.131E+04

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.070E+04	1.100E+04	1.131E+04
81	1.039E+04	1.069E+04	1.100E+04
82	1.010E+04	1.040E+04	1.070E+04
83	9.819E+03	1.011E+04	1.040E+04
84	9.545E+03	9.827E+03	1.012E+04
85	9.280E+03	9.557E+03	9.841E+03
86	9.023E+03	9.295E+03	9.574E+03
87	8.774E+03	9.041E+03	9.315E+03
88	8.534E+03	8.796E+03	9.065E+03
89	8.301E+03	8.558E+03	8.822E+03
90	8.075E+03	8.327E+03	8.587E+03
91	7.856E+03	8.104E+03	8.358E+03
92	7.644E+03	7.887E+03	8.137E+03
93	7.439E+03	7.677E+03	7.922E+03
94	7.240E+03	7.474E+03	7.714E+03
95	7.047E+03	7.277E+03	7.513E+03
96	6.860E+03	7.085E+03	7.317E+03
97	6.679E+03	6.900E+03	7.128E+03
98	6.503E+03	6.720E+03	6.944E+03
99	6.333E+03	6.546E+03	6.765E+03
100	6.168E+03	6.377E+03	6.592E+03
101	6.009E+03	6.214E+03	6.425E+03
102	5.854E+03	6.056E+03	6.263E+03
103	5.704E+03	5.902E+03	6.106E+03
104	5.558E+03	5.752E+03	5.952E+03
105	5.416E+03	5.607E+03	5.803E+03
106	5.278E+03	5.465E+03	5.658E+03
107	5.144E+03	5.328E+03	5.517E+03
108	5.014E+03	5.194E+03	5.379E+03
109	4.887E+03	5.063E+03	5.246E+03
110	4.763E+03	4.936E+03	5.115E+03
111	4.642E+03	4.812E+03	4.988E+03
112	4.524E+03	4.691E+03	4.863E+03
113	4.410E+03	4.574E+03	4.743E+03
114	4.299E+03	4.459E+03	4.625E+03
115	4.191E+03	4.348E+03	4.511E+03
116	4.086E+03	4.240E+03	4.400E+03
117	3.984E+03	4.135E+03	4.292E+03
118	3.885E+03	4.033E+03	4.187E+03
119	3.788E+03	3.934E+03	4.085E+03
120	3.694E+03	3.837E+03	3.986E+03
121	3.603E+03	3.744E+03	3.889E+03
122	3.514E+03	3.652E+03	3.795E+03
123	3.428E+03	3.563E+03	3.703E+03
124	3.344E+03	3.477E+03	3.614E+03
125	3.263E+03	3.393E+03	3.528E+03