

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	DCS-STD104F*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	100000 Ω	R+TOLERANCE (%)	1.5	R-TOLERANCE (%)	1.5
B(T1°C/T2°C)	4250 K	B+TOLERANCE (K)	42.5	B-TOLERANCE (K)	42.5

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	4.783E+06	5.053E+06	5.337E+06
-39	4.441E+06	4.688E+06	4.947E+06
-38	4.126E+06	4.352E+06	4.589E+06
-37	3.835E+06	4.042E+06	4.259E+06
-36	3.567E+06	3.756E+06	3.955E+06
-35	3.319E+06	3.493E+06	3.675E+06
-34	3.091E+06	3.250E+06	3.417E+06
-33	2.880E+06	3.026E+06	3.179E+06
-32	2.684E+06	2.819E+06	2.959E+06
-31	2.504E+06	2.627E+06	2.756E+06
-30	2.336E+06	2.450E+06	2.568E+06
-29	2.183E+06	2.287E+06	2.395E+06
-28	2.040E+06	2.136E+06	2.235E+06
-27	1.907E+06	1.995E+06	2.087E+06
-26	1.783E+06	1.865E+06	1.949E+06
-25	1.669E+06	1.743E+06	1.821E+06
-24	1.562E+06	1.631E+06	1.702E+06
-23	1.462E+06	1.526E+06	1.592E+06
-22	1.370E+06	1.428E+06	1.489E+06
-21	1.283E+06	1.337E+06	1.393E+06
-20	1.203E+06	1.253E+06	1.304E+06
-19	1.128E+06	1.174E+06	1.221E+06
-18	1.058E+06	1.100E+06	1.144E+06
-17	9.930E+05	1.032E+06	1.072E+06
-16	9.322E+05	9.682E+05	1.005E+06
-15	8.756E+05	9.088E+05	9.430E+05
-14	8.227E+05	8.533E+05	8.849E+05
-13	7.733E+05	8.016E+05	8.307E+05
-12	7.272E+05	7.533E+05	7.802E+05
-11	6.841E+05	7.083E+05	7.331E+05
-10	6.438E+05	6.662E+05	6.891E+05
-9	6.061E+05	6.268E+05	6.479E+05
-8	5.709E+05	5.899E+05	6.095E+05
-7	5.379E+05	5.555E+05	5.736E+05
-6	5.070E+05	5.234E+05	5.401E+05
-5	4.782E+05	4.933E+05	5.087E+05
-4	4.511E+05	4.651E+05	4.794E+05
-3	4.258E+05	4.387E+05	4.519E+05
-2	4.020E+05	4.140E+05	4.262E+05
-1	3.797E+05	3.908E+05	4.021E+05
0	3.588E+05	3.691E+05	3.795E+05

T (°C)	R _{min} (Ω)	R _{nom} (Ω)	R _{max} (Ω)
0	3.588E+05	3.691E+05	3.795E+05
1	3.392E+05	3.487E+05	3.584E+05
2	3.208E+05	3.296E+05	3.385E+05
3	3.035E+05	3.116E+05	3.199E+05
4	2.873E+05	2.948E+05	3.025E+05
5	2.720E+05	2.790E+05	2.861E+05
6	2.576E+05	2.641E+05	2.707E+05
7	2.441E+05	2.501E+05	2.562E+05
8	2.314E+05	2.370E+05	2.426E+05
9	2.194E+05	2.246E+05	2.298E+05
10	2.082E+05	2.129E+05	2.178E+05
11	1.976E+05	2.020E+05	2.065E+05
12	1.875E+05	1.916E+05	1.958E+05
13	1.781E+05	1.819E+05	1.857E+05
14	1.692E+05	1.727E+05	1.763E+05
15	1.608E+05	1.641E+05	1.674E+05
16	1.529E+05	1.559E+05	1.590E+05
17	1.454E+05	1.482E+05	1.510E+05
18	1.383E+05	1.409E+05	1.435E+05
19	1.317E+05	1.340E+05	1.365E+05
20	1.253E+05	1.276E+05	1.298E+05
21	1.194E+05	1.214E+05	1.235E+05
22	1.137E+05	1.156E+05	1.175E+05
23	1.084E+05	1.101E+05	1.119E+05
24	1.033E+05	1.049E+05	1.065E+05
25	9.850E+04	1.000E+05	1.015E+05
26	9.387E+04	9.534E+04	9.682E+04
27	8.948E+04	9.093E+04	9.238E+04
28	8.533E+04	8.675E+04	8.818E+04
29	8.139E+04	8.279E+04	8.419E+04
30	7.766E+04	7.903E+04	8.041E+04
31	7.413E+04	7.547E+04	7.682E+04
32	7.077E+04	7.209E+04	7.341E+04
33	6.759E+04	6.888E+04	7.017E+04
34	6.457E+04	6.583E+04	6.710E+04
35	6.171E+04	6.294E+04	6.418E+04
36	5.899E+04	6.019E+04	6.141E+04
37	5.641E+04	5.758E+04	5.877E+04
38	5.395E+04	5.510E+04	5.626E+04
39	5.162E+04	5.274E+04	5.387E+04
40	4.940E+04	5.050E+04	5.160E+04
41	4.729E+04	4.836E+04	4.944E+04
42	4.529E+04	4.633E+04	4.739E+04
43	4.338E+04	4.440E+04	4.543E+04
44	4.156E+04	4.255E+04	4.356E+04
45	3.983E+04	4.080E+04	4.179E+04
46	3.818E+04	3.913E+04	4.009E+04
47	3.662E+04	3.754E+04	3.848E+04
48	3.512E+04	3.602E+04	3.694E+04
49	3.370E+04	3.457E+04	3.547E+04
50	3.234E+04	3.319E+04	3.407E+04

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B (T1°C/T2°C)	4250 K	B+TOLERANCE (K)	42.5	B-TOLERANCE (K)	42.5

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	3.234E+04	3.319E+04	3.407E+04
51	3.104E+04	3.188E+04	3.273E+04
52	2.981E+04	3.062E+04	3.145E+04
53	2.863E+04	2.942E+04	3.023E+04
54	2.751E+04	2.828E+04	2.907E+04
55	2.643E+04	2.719E+04	2.796E+04
56	2.541E+04	2.614E+04	2.689E+04
57	2.443E+04	2.514E+04	2.588E+04
58	2.349E+04	2.419E+04	2.490E+04
59	2.260E+04	2.328E+04	2.398E+04
60	2.174E+04	2.241E+04	2.309E+04
61	2.093E+04	2.157E+04	2.224E+04
62	2.014E+04	2.078E+04	2.142E+04
63	1.940E+04	2.001E+04	2.064E+04
64	1.868E+04	1.928E+04	1.990E+04
65	1.800E+04	1.858E+04	1.918E+04
66	1.734E+04	1.791E+04	1.850E+04
67	1.671E+04	1.727E+04	1.784E+04
68	1.611E+04	1.665E+04	1.721E+04
69	1.553E+04	1.606E+04	1.661E+04
70	1.498E+04	1.550E+04	1.603E+04
71	1.445E+04	1.496E+04	1.547E+04
72	1.395E+04	1.444E+04	1.494E+04
73	1.346E+04	1.394E+04	1.443E+04
74	1.299E+04	1.346E+04	1.394E+04
75	1.254E+04	1.300E+04	1.346E+04
76	1.211E+04	1.256E+04	1.301E+04
77	1.170E+04	1.213E+04	1.258E+04
78	1.130E+04	1.172E+04	1.216E+04
79	1.092E+04	1.133E+04	1.176E+04
80	1.056E+04	1.096E+04	1.137E+04
81	1.020E+04	1.060E+04	1.100E+04
82	9.867E+03	1.025E+04	1.064E+04
83	9.542E+03	9.915E+03	1.030E+04
84	9.230E+03	9.594E+03	9.970E+03
85	8.930E+03	9.285E+03	9.652E+03
86	8.641E+03	8.987E+03	9.346E+03
87	8.363E+03	8.701E+03	9.051E+03
88	8.096E+03	8.426E+03	8.768E+03
89	7.838E+03	8.161E+03	8.495E+03
90	7.591E+03	7.906E+03	8.231E+03
91	7.352E+03	7.659E+03	7.978E+03
92	7.122E+03	7.422E+03	7.733E+03
93	6.901E+03	7.194E+03	7.498E+03
94	6.688E+03	6.974E+03	7.271E+03
95	6.482E+03	6.762E+03	7.052E+03
96	6.285E+03	6.558E+03	6.841E+03
97	6.094E+03	6.361E+03	6.637E+03
98	5.910E+03	6.171E+03	6.441E+03
99	5.733E+03	5.987E+03	6.252E+03
100	5.562E+03	5.811E+03	6.069E+03

[illegible]