

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	HBS-45
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	11000 Ω	R-TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	3950 K	B-TOLERANCE (K)	79	B-TOLERANCE (K)	79

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-30	1.816E+05	1.988E+05	2.174E+05
-29	1.708E+05	1.867E+05	2.039E+05
-28	1.607E+05	1.754E+05	1.914E+05
-27	1.513E+05	1.649E+05	1.796E+05
-26	1.424E+05	1.551E+05	1.687E+05
-25	1.342E+05	1.459E+05	1.586E+05
-24	1.265E+05	1.374E+05	1.491E+05
-23	1.193E+05	1.294E+05	1.402E+05
-22	1.125E+05	1.219E+05	1.319E+05
-21	1.062E+05	1.149E+05	1.242E+05
-20	1.002E+05	1.083E+05	1.169E+05
-19	9.465E+04	1.022E+05	1.102E+05
-18	8.943E+04	9.640E+04	1.038E+05
-17	8.453E+04	9.101E+04	9.790E+04
-16	7.992E+04	8.595E+04	9.235E+04
-15	7.560E+04	8.120E+04	8.714E+04
-14	7.153E+04	7.674E+04	8.226E+04
-13	6.771E+04	7.256E+04	7.769E+04
-12	6.412E+04	6.863E+04	7.339E+04
-11	6.074E+04	6.494E+04	6.937E+04
-10	5.756E+04	6.147E+04	6.558E+04
-9	5.457E+04	5.821E+04	6.203E+04
-8	5.175E+04	5.514E+04	5.870E+04
-7	4.909E+04	5.225E+04	5.556E+04
-6	4.659E+04	4.953E+04	5.261E+04
-5	4.422E+04	4.696E+04	4.983E+04
-4	4.199E+04	4.455E+04	4.721E+04
-3	3.989E+04	4.227E+04	4.475E+04
-2	3.790E+04	4.012E+04	4.243E+04
-1	3.602E+04	3.809E+04	4.024E+04
0	3.425E+04	3.617E+04	3.817E+04

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	3.425E+04	3.617E+04	3.817E+04
1	3.257E+04	3.436E+04	3.623E+04
2	3.098E+04	3.266E+04	3.439E+04
3	2.948E+04	3.104E+04	3.266E+04
4	2.807E+04	2.952E+04	3.102E+04
5	2.672E+04	2.808E+04	2.948E+04
6	2.545E+04	2.672E+04	2.802E+04
7	2.425E+04	2.543E+04	2.664E+04
8	2.312E+04	2.421E+04	2.534E+04
9	2.204E+04	2.306E+04	2.411E+04
10	2.102E+04	2.197E+04	2.295E+04
11	2.005E+04	2.094E+04	2.185E+04
12	1.913E+04	1.996E+04	2.081E+04
13	1.826E+04	1.904E+04	1.983E+04
14	1.743E+04	1.816E+04	1.889E+04
15	1.665E+04	1.732E+04	1.801E+04
16	1.591E+04	1.653E+04	1.717E+04
17	1.520E+04	1.578E+04	1.638E+04
18	1.453E+04	1.507E+04	1.563E+04
19	1.389E+04	1.440E+04	1.491E+04
20	1.328E+04	1.376E+04	1.423E+04
21	1.271E+04	1.315E+04	1.359E+04
22	1.216E+04	1.257E+04	1.298E+04
23	1.164E+04	1.202E+04	1.240E+04
24	1.114E+04	1.150E+04	1.185E+04
25	1.067E+04	1.100E+04	1.133E+04
26	1.020E+04	1.053E+04	1.085E+04
27	9.758E+03	1.008E+04	1.040E+04
28	9.335E+03	9.649E+03	9.965E+03
29	8.933E+03	9.242E+03	9.552E+03
30	8.551E+03	8.854E+03	9.159E+03
31	8.187E+03	8.484E+03	8.784E+03
32	7.840E+03	8.132E+03	8.427E+03
33	7.510E+03	7.796E+03	8.086E+03
34	7.196E+03	7.476E+03	7.761E+03
35	6.897E+03	7.171E+03	7.450E+03
36	6.611E+03	6.880E+03	7.154E+03
37	6.339E+03	6.603E+03	6.871E+03
38	6.080E+03	6.338E+03	6.601E+03
39	5.833E+03	6.085E+03	6.343E+03
40	5.597E+03	5.844E+03	6.096E+03
41	5.372E+03	5.613E+03	5.860E+03
42	5.157E+03	5.393E+03	5.635E+03
43	4.952E+03	5.183E+03	5.419E+03
44	4.756E+03	4.981E+03	5.213E+03
45	4.569E+03	4.789E+03	5.016E+03
46	4.390E+03	4.605E+03	4.827E+03
47	4.219E+03	4.430E+03	4.646E+03
48	4.056E+03	4.262E+03	4.474E+03
49	3.900E+03	4.101E+03	4.308E+03
50	3.751E+03	3.947E+03	4.150E+03

