NTC THERMISTOR R-T CHARACTERISTICS

TYPE	BN35-5B225H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	2200000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5200 K	B+TOLERANCE(K)	156	B-TOLERANCE(K)	156

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-20	3.658E+07	4.139E+07	4.679E+07
-19	3.407E+07	3.846E+07	4.337E+07
-18	3.175E+07	3.575E+07	4.021E+07
-17	2.959E+07	3.324E+07	3.730E+07
-16	2.760E+07	3.092E+07	3.462E+07
-15	2.574E+07	2.878E+07	3.215E+07
-14	2.402E+07	2.680E+07	2.986E+07
-13	2.243E+07	2.496E+07	2.775E+07
-12	2.095E+07	2.326E+07	2.580E+07
-11	1.957E+07	2.168E+07	2.399E+07
-10	1.829E+07	2.022E+07	2.232E+07
-9	1.710E+07	1.886E+07	2.078E+07
-8	1.600E+07	1.760E+07	1.935E+07
-7	1.497E+07	1.643E+07	1.802E+07
-6	1.401E+07	1.535E+07	1.680E+07
-5	1.312E+07	1.434E+07	1.566E+07
-4	1.229E+07	1.340E+07	1.460E+07
-3	1.151E+07	1.253E+07	1.363E+07
-2	1.079E+07	1.172E+07	1.272E+07
-1	1.012E+07	1.097E+07	1.188E+07
0	9.493E+06	1.027E+07	1.109E+07

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	9.493E+06	1.027E+07	1.109E+07
1	8.907E+06	9.613E+06	1.037E+07
2	8.361E+06	9.005E+06	9.690E+06
3	7.851E+06	8.438E+06	9.061E+06
4	7.374E+06	7.910E+06	8.476E+06
5	6.929E+06	7.417E+06	7.932E+06
6	6.513E+06	6.958E+06	7.426E+06
7	6.124E+06	6.529E+06	6.955E+06
8	5.760E+06	6.129E+06	6.516E+06
9	5.419E+06	5.755E+06	6.106E+06
10	5.101E+06	5.406E+06	5.725E+06
11	4.802E+06	5.080E+06	5.369E+06
12	4.523E+06	4.775E+06	5.037E+06
13	4.261E+06	4.490E+06	4.727E+06
14	4.015E+06	4.223E+06	4.438E+06
15	3.785E+06	3.974E+06	4.168E+06
16	3.570E+06	3.740E+06	3.916E+06
17	3.367E+06	3.522E+06	3.680E+06
18	3.177E+06	3.317E+06	3.460E+06
19	2.999E+06	3.125E+06	3.254E+06
20	2.831E+06	2.945E+06	3.061E+06
21	2.674E+06	2.776E+06	2.880E+06
22	2.526E+06	2.618E+06	2.711E+06
23	2.387E+06	2.470E+06	2.553E+06
24	2.257E+06	2.331E+06	2.405E+06
25	2.134E+06	2.200E+06	2.266E+06
26	2.011E+06	2.077E+06	2.143E+06
27	1.896E+06	1.962E+06	2.028E+06
28	1.789E+06	1.854E+06	1.919E+06
29	1.687E+06	1.752E+06	1.817E+06
30	1.592E+06	1.656E+06	1.720E+06
31	1.503E+06	1.566E+06	1.630E+06
32	1.420E+06	1.481E+06	1.544E+06
33	1.341E+06	1.401E+06	1.463E+06
34	1.267E+06	1.326E+06	1.387E+06
35	1.197E+06	1.256E+06	1.315E+06
36	1.132E+06	1.189E+06	1.248E+06
37	1.071E+06	1.126E+06	1.184E+06
38	1.013E+06	1.067E+06	1.124E+06
39	9.584E+05	1.011E+06	1.067E+06
40	9.071E+05	9.589E+05	1.013E+06
41	8.588E+05	9.093E+05	9.619E+05
42	8.134E+05	8.625E+05	9.138E+05
43	7.705E+05	8.184E+05	8.684E+05
44	7.301E+05	7.767E+05	8.255E+05
45	6.921E+05	7.373E+05	7.848E+05
46	6.562E+05	7.001E+05	7.464E+05
47	6.223E+05	6.650E+05	7.100E+05
48	5.903E+05	6.318E+05	6.756E+05
49	5.601E+05	6.004E+05	6.430E+05
50	5.317E+05	5.707E+05	6.121E+05

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25	25	50

R at T0℃	2200000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5200 K	B+TOLERANCE(K)	156	B-TOLERANCE(K)	156

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	5.317E+05	5.707E+05	6.121E+05
51	5.047E+05	5.427E+05	5.829E+05
52	4.793E+05	5.161E+05	5.552E+05
53	4.553E+05	4.909E+05	5.289E+05
54	4.326E+05	4.671E+05	5.040E+05
55	4.111E+05	4.446E+05	4.804E+05
56	3.908E+05	4.233E+05	4.580E+05
57	3.716E+05	4.030E+05	4.367E+05
58	3.535E+05	3.839E+05	4.166E+05
59	3.363E+05	3.657E+05	3.974E+05
60	3.200E+05	3.485E+05	3.793E+05
61	3.046E+05	3.322E+05	3.620E+05
62	2.900E+05	3.167E+05	3.456E+05
63	2.762E+05	3.020E+05	3.301E+05
64	2.631E+05	2.881E+05	3.153E+05
65	2.506E+05	2.749E+05	3.012E+05
66	2.389E+05	2.623E+05	2.878E+05
67	2.277E+05	2.504E+05	2.751E+05
68	2.171E+05	2.391E+05	2.630E+05
69	2.070E+05	2.283E+05	2.515E+05
70	1.975E+05	2.181E+05	2.406E+05
71	1.884E+05	2.084E+05	2.301E+05
72	1.798E+05	1.991E+05	2.202E+05
73	1.717E+05	1.903E+05	2.108E+05
74	1.639E+05	1.819E+05	2.018E+05
75	1.565E+05	1.740E+05	1.932E+05
76	1.495E+05	1.664E+05	1.850E+05
77	1.429E+05	1.592E+05	1.772E+05
78	1.366E+05	1.523E+05	1.698E+05
79	1.305E+05	1.458E+05	1.627E+05
80	1.248E+05	1.396E+05	1.560E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)