

## NTC THERMISTOR R-T CHARACTERISTICS

TYPE	VH02-7J103H*
------	--------------

T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	4090 K	B+TOLERANCE (K)	40.9	B-TOLERANCE (K)	40.9

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	4.562E+05	4.886E+05	5.229E+05
-39	4.236E+05	4.534E+05	4.849E+05
-38	3.936E+05	4.210E+05	4.499E+05
-37	3.659E+05	3.911E+05	4.176E+05
-36	3.404E+05	3.635E+05	3.878E+05
-35	3.167E+05	3.380E+05	3.604E+05
-34	2.949E+05	3.145E+05	3.350E+05
-33	2.747E+05	2.927E+05	3.116E+05
-32	2.560E+05	2.726E+05	2.900E+05
-31	2.387E+05	2.540E+05	2.700E+05
-30	2.226E+05	2.367E+05	2.515E+05
-29	2.078E+05	2.208E+05	2.344E+05
-28	1.940E+05	2.060E+05	2.186E+05
-27	1.812E+05	1.923E+05	2.039E+05
-26	1.693E+05	1.796E+05	1.903E+05
-25	1.583E+05	1.678E+05	1.777E+05
-24	1.481E+05	1.569E+05	1.660E+05
-23	1.387E+05	1.468E+05	1.552E+05
-22	1.298E+05	1.373E+05	1.451E+05
-21	1.216E+05	1.286E+05	1.358E+05
-20	1.140E+05	1.204E+05	1.271E+05
-19	1.069E+05	1.129E+05	1.190E+05
-18	1.003E+05	1.058E+05	1.115E+05
-17	9.413E+04	9.925E+04	1.046E+05
-16	8.840E+04	9.315E+04	9.806E+04
-15	8.305E+04	8.746E+04	9.202E+04
-14	7.806E+04	8.216E+04	8.639E+04
-13	7.341E+04	7.721E+04	8.114E+04
-12	6.907E+04	7.260E+04	7.625E+04
-11	6.501E+04	6.830E+04	7.169E+04
-10	6.122E+04	6.428E+04	6.743E+04
-9	5.769E+04	6.053E+04	6.346E+04
-8	5.438E+04	5.702E+04	5.975E+04
-7	5.128E+04	5.374E+04	5.628E+04
-6	4.838E+04	5.068E+04	5.303E+04
-5	4.566E+04	4.780E+04	5.000E+04
-4	4.311E+04	4.511E+04	4.715E+04
-3	4.073E+04	4.259E+04	4.449E+04
-2	3.849E+04	4.022E+04	4.200E+04
-1	3.639E+04	3.801E+04	3.966E+04
0	3.441E+04	3.593E+04	3.747E+04

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	3.441E+04	3.593E+04	3.747E+04
1	3.256E+04	3.397E+04	3.542E+04
2	3.082E+04	3.214E+04	3.349E+04
3	2.919E+04	3.042E+04	3.168E+04
4	2.765E+04	2.880E+04	2.997E+04
5	2.620E+04	2.728E+04	2.838E+04
6	2.484E+04	2.585E+04	2.687E+04
7	2.356E+04	2.450E+04	2.546E+04
8	2.235E+04	2.324E+04	2.413E+04
9	2.122E+04	2.205E+04	2.288E+04
10	2.015E+04	2.092E+04	2.171E+04
11	1.914E+04	1.986E+04	2.060E+04
12	1.819E+04	1.887E+04	1.955E+04
13	1.729E+04	1.793E+04	1.857E+04
14	1.644E+04	1.704E+04	1.764E+04
15	1.564E+04	1.620E+04	1.677E+04
16	1.489E+04	1.541E+04	1.594E+04
17	1.417E+04	1.467E+04	1.517E+04
18	1.350E+04	1.396E+04	1.443E+04
19	1.286E+04	1.330E+04	1.374E+04
20	1.226E+04	1.267E+04	1.308E+04
21	1.169E+04	1.208E+04	1.246E+04
22	1.115E+04	1.151E+04	1.188E+04
23	1.064E+04	1.098E+04	1.132E+04
24	1.016E+04	1.048E+04	1.080E+04
25	9.700E+03	1.000E+04	1.030E+04
26	9.257E+03	9.548E+03	9.838E+03
27	8.837E+03	9.119E+03	9.401E+03
28	8.439E+03	8.712E+03	8.986E+03
29	8.062E+03	8.326E+03	8.592E+03
30	7.704E+03	7.960E+03	8.218E+03
31	7.364E+03	7.613E+03	7.862E+03
32	7.042E+03	7.283E+03	7.525E+03
33	6.737E+03	6.970E+03	7.205E+03
34	6.446E+03	6.672E+03	6.900E+03
35	6.170E+03	6.389E+03	6.610E+03
36	5.908E+03	6.120E+03	6.335E+03
37	5.659E+03	5.865E+03	6.073E+03
38	5.422E+03	5.621E+03	5.823E+03
39	5.196E+03	5.390E+03	5.586E+03
40	4.981E+03	5.169E+03	5.360E+03
41	4.777E+03	4.960E+03	5.144E+03
42	4.583E+03	4.760E+03	4.939E+03
43	4.398E+03	4.569E+03	4.743E+03
44	4.221E+03	4.388E+03	4.556E+03
45	4.053E+03	4.214E+03	4.378E+03
46	3.892E+03	4.049E+03	4.208E+03
47	3.739E+03	3.891E+03	4.046E+03
48	3.593E+03	3.741E+03	3.891E+03
49	3.454E+03	3.597E+03	3.743E+03
50	3.321E+03	3.460E+03	3.602E+03

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	VH02-7J103H*
------	--------------

T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	4090 K	B+TOLERANCE (K)	40.9	B-TOLERANCE (K)	40.9

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.321E+03	3.460E+03	3.602E+03
51	3.194E+03	3.329E+03	3.467E+03
52	3.072E+03	3.204E+03	3.338E+03
53	2.956E+03	3.084E+03	3.214E+03
54	2.845E+03	2.969E+03	3.096E+03
55	2.739E+03	2.860E+03	2.983E+03
56	2.638E+03	2.755E+03	2.875E+03
57	2.541E+03	2.655E+03	2.771E+03
58	2.448E+03	2.559E+03	2.672E+03
59	2.360E+03	2.467E+03	2.577E+03
60	2.275E+03	2.379E+03	2.486E+03
61	2.193E+03	2.295E+03	2.399E+03
62	2.116E+03	2.214E+03	2.316E+03
63	2.041E+03	2.137E+03	2.235E+03
64	1.969E+03	2.063E+03	2.159E+03
65	1.901E+03	1.992E+03	2.085E+03
66	1.835E+03	1.923E+03	2.014E+03
67	1.772E+03	1.858E+03	1.946E+03
68	1.711E+03	1.795E+03	1.881E+03
69	1.653E+03	1.735E+03	1.819E+03
70	1.597E+03	1.677E+03	1.758E+03
71	1.544E+03	1.621E+03	1.700E+03
72	1.492E+03	1.567E+03	1.645E+03
73	1.442E+03	1.516E+03	1.591E+03
74	1.395E+03	1.466E+03	1.540E+03
75	1.349E+03	1.418E+03	1.490E+03
76	1.305E+03	1.373E+03	1.442E+03
77	1.263E+03	1.329E+03	1.397E+03
78	1.222E+03	1.286E+03	1.353E+03
79	1.183E+03	1.245E+03	1.310E+03
80	1.145E+03	1.206E+03	1.269E+03
81	1.109E+03	1.169E+03	1.230E+03
82	1.075E+03	1.132E+03	1.192E+03
83	1.041E+03	1.098E+03	1.156E+03
84	1.009E+03	1.064E+03	1.121E+03
85	9.779E+02	1.032E+03	1.087E+03
86	9.480E+02	1.000E+03	1.055E+03
87	9.191E+02	9.702E+02	1.023E+03
88	8.913E+02	9.411E+02	9.929E+02
89	8.645E+02	9.131E+02	9.636E+02
90	8.386E+02	8.861E+02	9.353E+02
91	8.135E+02	8.598E+02	9.078E+02
92	7.893E+02	8.344E+02	8.813E+02
93	7.659E+02	8.100E+02	8.558E+02
94	7.434E+02	7.864E+02	8.312E+02
95	7.217E+02	7.637E+02	8.074E+02
96	7.008E+02	7.418E+02	7.845E+02
97	6.807E+02	7.207E+02	7.624E+02
98	6.613E+02	7.004E+02	7.411E+02
99	6.425E+02	6.807E+02	7.205E+02
100	6.245E+02	6.618E+02	7.007E+02

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.245E+02	6.618E+02	7.007E+02
101	6.072E+02	6.437E+02	6.818E+02
102	5.906E+02	6.262E+02	6.634E+02
103	5.744E+02	6.093E+02	6.457E+02
104	5.588E+02	5.929E+02	6.285E+02
105	5.437E+02	5.770E+02	6.118E+02
106	5.291E+02	5.617E+02	5.957E+02
107	5.149E+02	5.468E+02	5.801E+02
108	5.012E+02	5.324E+02	5.650E+02
109	4.879E+02	5.184E+02	5.503E+02
110	4.751E+02	5.049E+02	5.361E+02
111	4.626E+02	4.917E+02	5.223E+02
112	4.504E+02	4.790E+02	5.089E+02
113	4.387E+02	4.666E+02	4.959E+02
114	4.273E+02	4.547E+02	4.833E+02
115	4.163E+02	4.431E+02	4.711E+02
116	4.057E+02	4.318E+02	4.593E+02
117	3.953E+02	4.210E+02	4.478E+02
118	3.853E+02	4.104E+02	4.367E+02
119	3.756E+02	4.002E+02	4.260E+02
120	3.662E+02	3.903E+02	4.155E+02
121	3.571E+02	3.807E+02	4.054E+02
122	3.483E+02	3.714E+02	3.956E+02
123	3.397E+02	3.623E+02	3.861E+02
124	3.314E+02	3.536E+02	3.768E+02
125	3.234E+02	3.450E+02	3.679E+02