NTC THERMISTOR R-T CHARACTERISTICS

TYPE	VH05-6D123F

T0(℃)	T1(℃)	T2(℃)
30	25	50

R at T0℃	10000 Ω	R+TOLERANCE(%)	1.0	R-TOLERANCE(%)	1.0
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40.0	3.875E+05	4.070E+05	4.274E+05
-39.0	3.636E+05	3.815E+05	4.003E+05
-38.0	3.412E+05	3.578E+05	3.752E+05
-37.0	3.204E+05	3.357E+05	3.518E+05
-36.0	3.009E+05	3.151E+05	3.300E+05
-35.0	2.828E+05	2.959E+05	3.096E+05
-34.0	2.658E+05	2.780E+05	2.907E+05
-33.0	2.500E+05	2.612E+05	2.730E+05
-32.0	2.352E+05	2.456E+05	2.565E+05
-31.0	2.214E+05	2.310E+05	2.411E+05
-30.0	2.084E+05	2.174E+05	2.267E+05
-29.0	1.963E+05	2.046E+05	2.133E+05
-28.0	1.850E+05	1.927E+05	2.007E+05
-27.0	1.744E+05	1.816E+05	1.890E+05
-26.0	1.645E+05	1.711E+05	1.780E+05
-25.0	1.552E+05	1.613E+05	1.677E+05
-24.0	1.464E+05	1.521E+05	1.580E+05
-23.0	1.382E+05	1.435E+05	1.490E+05
-22.0	1.305E+05	1.354E+05	1.405E+05
-21.0	1.232E+05	1.278E+05	1.325E+05
-20.0	1.164E+05	1.207E+05	1.250E+05
-19.0	1.101E+05	1.140E+05	1.180E+05
-18.0	1.041E+05	1.077E+05	1.115E+05
-17.0	9.842E+04	1.018E+05	1.053E+05
-16.0	9.311E+04	9.626E+04	9.950E+04
-15.0	8.811E+04	9.103E+04	9.404E+04
-14.0	8.339E+04	8.611E+04	8.891E+04
-13.0	7.895E+04	8.148E+04	8.407E+04
-12.0	7.477E+04	7.712E+04	7.953E+04
-11.0	7.083E+04	7.301E+04	7.525E+04
-10.0	6.711E+04	6.914E+04	7.122E+04
-9.0	6.360E+04	6.548E+04	6.742E+04
-8.0	6.029E+04	6.204E+04	6.384E+04
-7.0	5.717E+04	5.880E+04	6.047E+04
-6.0	5.423E+04	5.574E+04	5.729E+04
-5.0	5.146E+04	5.286E+04	5.430E+04
-4.0	4.884E+04	5.015E+04	5.149E+04
-3.0	4.637E+04	4.759E+04	4.883E+04
-2.0	4.405E+04	4.518E+04	4.633E+04
-1.0	4.185E+04	4.290E+04	4.397E+04
0.0	3.977E+04	4.075E+04	4.175E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0.0	3.977E+04	4.075E+04	4.175E+04
1.0	3.781E+04	3.872E+04	3.964E+04
2.0	3.595E+04	3.680E+04	3.766E+04
3.0	3.420E+04	3.499E+04	3.579E+04
4.0	3.254E+04	3.328E+04	3.402E+04
5.0	3.098E+04	3.166E+04	3.235E+04
6.0	2.949E+04	3.013E+04	3.077E+04
7.0	2.809E+04	2.868E+04	2.927E+04
8.0	2.676E+04	2.731E+04	2.786E+04
9.0	2.550E+04	2.601E+04	2.652E+04
10.0	2.431E+04	2.478E+04	2.526E+04
11.0	2.318E+04	2.362E+04	2.406E+04
12.0	2.211E+04	2.252E+04	2.293E+04
13.0	2.109E+04	2.147E+04	2.185E+04
14.0	2.013E+04	2.048E+04	2.084E+04
15.0	1.922E+04	1.954E+04	1.987E+04
16.0	1.835E+04	1.865E+04	1.896E+04
17.0	1.753E+04	1.781E+04	1.809E+04
18.0	1.675E+04	1.701E+04	1.727E+04
19.0	1.601E+04	1.625E+04	1.649E+04
20.0	1.530E+04	1.552E+04	1.575E+04
21.0	1.463E+04	1.484E+04	1.505E+04
22.0	1.399E+04	1.419E+04	1.438E+04
23.0	1.339E+04	1.357E+04	1.374E+04
24.0	1.281E+04	1.298E+04	1.314E+04
25.0	1.227E+04	1.242E+04	1.257E+04
26.0	1.175E+04	1.188E+04	1.202E+04
27.0	1.125E+04	1.138E+04	1.151E+04
28.0	1.078E+04	1.090E+04	1.101E+04
29.0	1.033E+04	1.044E+04	1.055E+04
30.0	9.900E+03	1.000E+04	1.010E+04
31.0	9.484E+03	9.584E+03	9.684E+03
32.0	9.088E+03	9.187E+03	9.287E+03
33.0	8.710E+03	8.809E+03	8.909E+03
34.0	8.351E+03	8.449E+03	8.548E+03
35.0	8.008E+03	8.106E+03	8.204E+03
36.0	7.681E+03	7.778E+03	7.876E+03
37.0	7.370E+03	7.466E+03	7.563E+03
38.0	7.072E+03	7.168E+03	7.264E+03
39.0	6.789E+03	6.883E+03	6.978E+03
40.0	6.519E+03	6.612E+03	6.706E+03
41.0	6.260E+03	6.352E+03	6.445E+03
42.0	6.014E+03	6.105E+03	6.196E+03
43.0	5.778E+03	5.868E+03	5.958E+03
44.0	5.554E+03	5.642E+03	5.731E+03
45.0	5.339E+03	5.426E+03	5.514E+03
46.0	5.133E+03	5.219E+03	5.306E+03
47.0	4.937E+03	5.021E+03	5.107E+03
48.0	4.750E+03	4.833E+03	4.916E+03
49.0	4.570E+03	4.652E+03	4.734E+03
50.0	4.399E+03	4.479E+03	4.560E+03

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R at T0℃	10000 Ω	R+TOLERANCE(%)	1.0	R-TOLERANCE(%)	1.0
B(T1℃/T2℃)	3930 K	B+TOLERANCE(K)	39.3	B-TOLERANCE(K)	39.3

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50.0	4.399E+03	4.479E+03	4.560E+03
51.0	4.235E+03	4.313E+03	4.393E+03
52.0	4.077E+03	4.155E+03	4.233E+03
53.0	3.927E+03	4.003E+03	4.080E+03
54.0	3.783E+03	3.858E+03	3.934E+03
55.0	3.645E+03	3.719E+03	3.793E+03
56.0	3.513E+03	3.585E+03	3.659E+03
57.0	3.387E+03	3.458E+03	3.529E+03
58.0	3.266E+03	3.335E+03	3.405E+03
59.0	3.149E+03	3.217E+03	3.287E+03
60.0	3.038E+03	3.105E+03	3.173E+03
61.0	2.931E+03	2.997E+03	3.063E+03
62.0	2.829E+03	2.893E+03	2.958E+03
63.0	2.730E+03	2.793E+03	2.857E+03
64.0	2.636E+03	2.698E+03	2.760E+03
65.0	2.545E+03	2.606E+03	2.667E+03
66.0	2.458E+03	2.517E+03	2.578E+03
67.0	2.375E+03	2.433E+03	2.492E+03
68.0	2.294E+03	2.351E+03	2.409E+03
69.0	2.217E+03	2.273E+03	2.330E+03
70.0	2.143E+03	2.198E+03	2.254E+03
71.0	2.072E+03	2.125E+03	2.180E+03
72.0	2.003E+03	2.056E+03	2.109E+03
73.0	1.938E+03	1.989E+03	2.041E+03
74.0	1.874E+03	1.924E+03	1.976E+03
75.0	1.813E+03	1.862E+03	1.913E+03
76.0	1.755E+03	1.803E+03	1.852E+03
77.0	1.698E+03	1.745E+03	1.794E+03
78.0	1.644E+03	1.690E+03	1.738E+03
79.0	1.592E+03	1.637E+03	1.683E+03
80.0	1.541E+03	1.586E+03	1.631E+03
81.0	1.493E+03	1.536E+03	1.581E+03
82.0	1.446E+03	1.489E+03	1.533E+03
83.0	1.401E+03	1.443E+03	1.486E+03
84.0	1.358E+03	1.399E+03	1.441E+03
85.0	1.316E+03	1.356E+03	1.397E+03
86.0	1.276E+03	1.315E+03	1.355E+03
87.0	1.237E+03	1.276E+03	1.315E+03
88.0	1.200E+03	1.237E+03	1.276E+03
89.0	1.164E+03	1.200E+03	1.238E+03
90.0	1.129E+03	1.165E+03	1.202E+03
91.0	1.095E+03	1.131E+03	1.167E+03
92.0	1.063E+03	1.097E+03	1.133E+03
93.0	1.031E+03	1.065E+03	1.100E+03
94.0	1.001E+03	1.034E+03	1.069E+03
95.0	9.721E+02	1.005E+03	1.038E+03
96.0	9.439E+02	9.758E+02	1.009E+03
97.0	9.166E+02	9.479E+02	9.801E+02
98.0	8.903E+02	9.209E+02	9.525E+02
99.0	8.649E+02	8.949E+02	9.258E+02
100.0	8.403E+02	8.697E+02	9.000E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100.0	8.403E+02	8.697E+02	9.000E+02
101.0	8.164E+02	8.452E+02	8.749E+02
102.0	7.934E+02	8.216E+02	8.507E+02
103.0	7.711E+02	7.987E+02	8.273E+02
104.0	7.496E+02	7.766E+02	8.046E+02
105.0	7.288E+02	7.553E+02	7.827E+02
106.0	7.086E+02	7.346E+02	7.615E+02
107.0	6.892E+02	7.147E+02	7.410E+02
108.0	6.704E+02	6.953E+02	7.212E+02
109.0	6.521E+02	6.766E+02	7.020E+02
110.0	6.345E+02	6.585E+02	6.834E+02
111.0	6.176E+02	6.411E+02	6.655E+02
112.0	6.011E+02	6.242E+02	6.481E+02
113.0	5.852E+02	6.078E+02	6.313E+02
114.0	5.698E+02	5.920E+02	6.149E+02
115.0	5.548E+02	5.766E+02	5.991E+02
116.0	5.403E+02	5.617E+02	5.838E+02
117.0	5.263E+02	5.472E+02	5.689E+02
118.0	5.126E+02	5.332E+02	5.544E+02
119.0	4.994E+02	5.195E+02	5.404E+02
120.0	4.866E+02	5.063E+02	5.268E+02
121.0	4.741E+02	4.935E+02	5.136E+02
122.0	4.621E+02	4.810E+02	5.007E+02
123.0	4.503E+02	4.689E+02	4.883E+02
124.0	4.390E+02	4.572E+02	4.762E+02
125.0	4.279E+02	4.458E+02	4.644E+02