NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GH13-3G302F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	4
B(T1℃/T2℃)	3470 K	B+TOLERANCE(K)	34.7	B-TOLERANCE(K)	34.7

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	6.227E+04	6.498E+04	6.779E+04
-39	5.880E+04	6.132E+04	6.393E+04
-38	5.555E+04	5.789E+04	6.032E+04
-37	5.250E+04	5.467E+04	5.693E+04
-36	4.963E+04	5.166E+04	5.376E+04
-35	4.694E+04	4.883E+04	5.079E+04
-34	4.442E+04	4.618E+04	4.800E+04
-33	4.205E+04	4.368E+04	4.538E+04
-32	3.982E+04	4.134E+04	4.292E+04
-31	3.772E+04	3.914E+04	4.061E+04
-30	3.575E+04	3.707E+04	3.844E+04
-29	3.389E+04	3.513E+04	3.641E+04
-28	3.215E+04	3.330E+04	3.449E+04
-27	3.050E+04	3.158E+04	3.269E+04
-26	2.895E+04	2.995E+04	3.099E+04
-25	2.749E+04	2.842E+04	2.939E+04
-24	2.611E+04	2.698E+04	2.788E+04
-23	2.480E+04	2.562E+04	2.646E+04
-22	2.357E+04	2.433E+04	2.512E+04
-21	2.241E+04	2.312E+04	2.385E+04
-20	2.131E+04	2.198E+04	2.266E+04
-19	2.027E+04	2.090E+04	2.153E+04
-18	1.929E+04	1.987E+04	2.047E+04
-17	1.837E+04	1.891E+04	1.947E+04
-16	1.749E+04	1.800E+04	1.852E+04
-15	1.666E+04	1.713E+04	1.762E+04
-14	1.587E+04	1.631E+04	1.677E+04
-13	1.512E+04	1.554E+04	1.596E+04
-12	1.442E+04	1.481E+04	1.520E+04
-11	1.375E+04	1.411E+04	1.448E+04
-10	1.311E+04	1.345E+04	1.380E+04
-9	1.251E+04	1.283E+04	1.315E+04
-8	1.194E+04	1.224E+04	1.254E+04
-7	1.140E+04	1.168E+04	1.196E+04
-6	1.088E+04	1.114E+04	1.141E+04
-5	1.040E+04	1.064E+04	1.089E+04
-4	9.934E+03	1.016E+04	1.039E+04
-3	9.495E+03	9.707E+03	9.923E+03
-2	9.077E+03	9.276E+03	9.478E+03
-1	8.681E+03	8.866E+03	9.055E+03
0	8.304E+03	8.478E+03	8.654E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	8.304E+03	8.478E+03	8.654E+03
1	7.946E+03	8.109E+03	8.274E+03
2	7.606E+03	7.758E+03	7.912E+03
3	7.282E+03	7.424E+03	7.568E+03
4	6.973E+03	7.106E+03	7.241E+03
5	6.680E+03	6.804E+03	6.930E+03
6	6.400E+03	6.516E+03	6.633E+03
7	6.133E+03	6.242E+03	6.352E+03
8	5.879E+03	5.981E+03	6.083E+03
9	5.637E+03	5.732E+03	5.828E+03
10	5.406E+03	5.495E+03	5.584E+03
11	5.186E+03	5.269E+03	5.352E+03
12	4.976E+03	5.053E+03	5.131E+03
13	4.776E+03	4.848E+03	4.920E+03
14	4.584E+03	4.651E+03	4.719E+03
15	4.402E+03	4.464E+03	4.527E+03
16	4.228E+03	4.286E+03	4.345E+03
17	4.061E+03	4.116E+03	4.170E+03
18	3.902E+03	3.953E+03	4.004E+03
19	3.751E+03	3.798E+03	3.845E+03
20	3.605E+03	3.649E+03	3.693E+03
21	3.467E+03	3.507E+03	3.548E+03
22	3.334E+03	3.372E+03	3.410E+03
23	3.207E+03	3.242E+03	3.277E+03
24	3.086E+03	3.118E+03	3.151E+03
25	2.970E+03	3.000E+03	3.030E+03
26	2.857E+03	2.887E+03	2.917E+03
27	2.748E+03	2.778E+03	2.808E+03
28	2.645E+03	2.675E+03	2.704E+03
29	2.546E+03	2.575E+03	2.605E+03
30	2.451E+03	2.480E+03	2.510E+03
31	2.360E+03	2.389E+03	2.419E+03
32	2.273E+03	2.302E+03	2.331E+03
33	2.189E+03	2.218E+03	2.247E+03
34	2.110E+03	2.138E+03	2.167E+03
35	2.033E+03	2.061E+03	2.090E+03
36	1.960E+03	1.988E+03	2.016E+03
37	1.889E+03	1.917E+03	1.945E+03
38	1.822E+03	1.849E+03	1.877E+03
39	1.757E+03	1.784E+03	1.812E+03
40	1.695E+03	1.722E+03	1.749E+03
41	1.636E+03	1.662E+03	1.689E+03
42	1.579E+03	1.605E+03	1.631E+03
43	1.524E+03	1.549E+03	1.575E+03
44	1.471E+03	1.496E+03	1.522E+03
45	1.421E+03	1.446E+03	1.471E+03
46	1.372E+03	1.397E+03	1.421E+03
47	1.325E+03	1.350E+03	1.374E+03
48	1.281E+03	1.304E+03	1.328E+03
49	1.238E+03	1.261E+03	1.285E+03
50	1.196E+03	1.219E+03	1.243E+03

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GH13-3G302F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	4
B(T1℃/T2℃)	3470 K	B+TOLERANCE(K)	34.7	B-TOLERANCE(K)	34.7

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.196E+03	1.219E+03	1.243E+03
51	1.157E+03	1.179E+03	1.202E+03
52	1.118E+03	1.141E+03	1.163E+03
53	1.082E+03	1.103E+03	1.126E+03
54	1.046E+03	1.068E+03	1.090E+03
55	1.012E+03	1.033E+03	1.055E+03
56	9.796E+02	1.000E+03	1.021E+03
57	9.481E+02	9.685E+02	9.893E+02
58	9.178E+02	9.379E+02	9.583E+02
59	8.886E+02	9.083E+02	9.284E+02
60	8.605E+02	8.799E+02	8.996E+02
61	8.334E+02	8.525E+02	8.719E+02
62	8.074E+02	8.261E+02	8.451E+02
63	7.823E+02	8.006E+02	8.193E+02
64	7.581E+02	7.761E+02	7.945E+02
65	7.347E+02	7.524E+02	7.705E+02
66	7.122E+02	7.296E+02	7.473E+02
67	6.905E+02	7.076E+02	7.250E+02
68	6.696E+02	6.863E+02	7.035E+02
69	6.494E+02	6.658E+02	6.826E+02
70	6.299E+02	6.461E+02	6.626E+02
71	6.111E+02	6.270E+02	6.432E+02
72	5.930E+02	6.085E+02	6.244E+02
73	5.755E+02	5.907E+02	6.064E+02
74	5.586E+02	5.735E+02	5.889E+02
75	5.422E+02	5.569E+02	5.720E+02
76	5.264E+02	5.409E+02	5.556E+02
77	5.112E+02	5.254E+02	5.399E+02
78	4.965E+02	5.104E+02	5.246E+02
79	4.822E+02	4.959E+02	5.098E+02
80	4.684E+02	4.818E+02	4.955E+02
81	4.551E+02	4.683E+02	4.817E+02
82	4.422E+02	4.551E+02	4.683E+02
83	4.298E+02	4.424E+02	4.554E+02
84	4.177E+02	4.301E+02	4.429E+02
85	4.061E+02	4.183E+02	4.308E+02
86	3.948E+02	4.068E+02	4.190E+02
87	3.839E+02	3.956E+02	4.077E+02
88	3.733E+02	3.848E+02	3.967E+02
89	3.631E+02	3.744E+02	3.860E+02
90	3.532E+02	3.643E+02	3.757E+02
91	3.436E+02	3.545E+02	3.657E+02
92	3.344E+02	3.450E+02	3.560E+02
93	3.254E+02	3.358E+02	3.466E+02
94	3.167E+02	3.269E+02	3.375E+02
95	3.082E+02	3.183E+02	3.287E+02
96	3.001E+02	3.100E+02	3.202E+02
97	2.922E+02	3.019E+02	3.119E+02
98	2.845E+02	2.940E+02	3.038E+02
99	2.771E+02	2.864E+02	2.961E+02
100	2.699E+02	2.791E+02	2.885E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.699E+02	2.791E+02	2.885E+02
101	2.629E+02	2.719E+02	2.812E+02
102	2.562E+02	2.650E+02	2.741E+02
103	2.496E+02	2.583E+02	2.672E+02
104	2.433E+02	2.518E+02	2.606E+02
105	2.371E+02	2.455E+02	2.541E+02
106	2.311E+02	2.393E+02	2.478E+02
107	2.253E+02	2.334E+02	2.417E+02
108	2.197E+02	2.276E+02	2.357E+02
109	2.142E+02	2.220E+02	2.300E+02
110	2.089E+02	2.165E+02	2.244E+02
111	2.037E+02	2.112E+02	2.189E+02
112	1.987E+02	2.060E+02	2.136E+02
113	1.938E+02	2.010E+02	2.085E+02
114	1.890E+02	1.961E+02	2.035E+02
115	1.844E+02	1.914E+02	1.986E+02
116	1.800E+02	1.868E+02	1.939E+02
117	1.756E+02	1.824E+02	1.893E+02
118	1.714E+02	1.780E+02	1.848E+02
119	1.673E+02	1.738E+02	1.805E+02
120	1.634E+02	1.697E+02	1.763E+02
121	1.595E+02	1.657E+02	1.722E+02
122	1.557E+02	1.619E+02	1.682E+02
123	1.521E+02	1.581E+02	1.644E+02
124	1.485E+02	1.545E+02	1.606E+02
125	1.451E+02	1.509E+02	1.569E+02
126	1.417E+02	1.475E+02	1.534E+02
127	1.385E+02	1.441E+02	1.499E+02
128	1.353E+02	1.408E+02	1.465E+02
129	1.322E+02	1.376E+02	1.433E+02
130	1.292E+02	1.345E+02	1.401E+02
131	1.263E+02	1.315E+02	1.369E+02
132	1.234E+02	1.286E+02	1.339E+02
133	1.207E+02	1.257E+02	1.310E+02
134	1.180E+02	1.229E+02	1.281E+02
135	1.153E+02	1.202E+02	1.253E+02
136	1.128E+02	1.176E+02	1.226E+02
137	1.103E+02	1.150E+02	1.199E+02
138	1.079E+02	1.125E+02	1.173E+02
139	1.055E+02	1.100E+02	1.148E+02
140	1.032E+02	1.077E+02	1.123E+02
141	1.010E+02	1.054E+02	1.099E+02
142	9.877E+01	1.031E+02	1.076E+02
143	9.664E+01	1.009E+02	1.053E+02
144	9.456E+01	9.874E+01	1.031E+02
145	9.254E+01	9.665E+01	1.009E+02
146	9.057E+01	9.461E+01	9.882E+01
147	8.865E+01	9.262E+01	9.676E+01
148	8.677E+01	9.068E+01	9.476E+01
149	8.495E+01	8.879E+01	9.280E+01
150	8.317E+01	8.695E+01	9.089E+01

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GH13-3G302F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	3000 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	4
B(T1℃/T2℃)	3470 K	B+TOLERANCE(K)	34.7	B-TOLERANCE(K)	34.7

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
150	8.317E+01	8.695E+01	9.089E+01
151	8.143E+01	8.515E+01	8.902E+01
152	7.974E+01	8.339E+01	8.721E+01
153	7.809E+01	8.168E+01	8.543E+01
154	7.647E+01	8.001E+01	8.370E+01
155	7.490E+01	7.838E+01	8.201E+01
156	7.337E+01	7.679E+01	8.036E+01
157	7.187E+01	7.524E+01	7.875E+01
158	7.041E+01	7.372E+01	7.718E+01
159	6.899E+01	7.224E+01	7.565E+01
160	6.759E+01	7.080E+01	7.415E+01
161	6.624E+01	6.939E+01	7.269E+01
162	6.491E+01	6.801E+01	7.126E+01
163	6.362E+01	6.667E+01	6.986E+01
164	6.235E+01	6.536E+01	6.850E+01
165	6.112E+01	6.408E+01	6.717E+01
166	5.991E+01	6.282E+01	6.587E+01
167	5.874E+01	6.160E+01	6.460E+01
168	5.759E+01	6.041E+01	6.336E+01
169	5.647E+01	5.924E+01	6.214E+01
170	5.537E+01	5.810E+01	6.096E+01
171	5.430E+01	5.699E+01	5.980E+01
172	5.325E+01	5.590E+01	5.867E+01
173	5.223E+01	5.483E+01	5.756E+01
174	5.123E+01	5.379E+01	5.648E+01
175	5.025E+01	5.278E+01	5.542E+01
176	4.930E+01	5.178E+01	5.439E+01
177	4.836E+01	5.081E+01	5.338E+01
178	4.745E+01	4.986E+01	5.239E+01
179	4.656E+01	4.893E+01	5.142E+01
180	4.569E+01	4.802E+01	5.047E+01
181	4.484E+01	4.714E+01	4.955E+01
182	4.400E+01	4.627E+01	4.864E+01
183	4.319E+01	4.542E+01	4.776E+01
184	4.239E+01	4.459E+01	4.689E+01
185	4.161E+01	4.377E+01	4.605E+01
186	4.085E+01	4.298E+01	4.522E+01
187	4.010E+01	4.220E+01	4.441E+01
188	3.937E+01	4.144E+01	4.361E+01
189	3.866E+01	4.070E+01	4.284E+01
190	3.796E+01	3.997E+01	4.207E+01
191	3.728E+01	3.925E+01	4.133E+01
192	3.661E+01	3.855E+01	4.060E+01
193	3.595E+01	3.787E+01	3.989E+01
194	3.531E+01	3.720E+01	3.919E+01
195	3.468E+01	3.655E+01	3.851E+01
196	3.407E+01	3.591E+01	3.784E+01
197	3.347E+01	3.528E+01	3.718E+01
198	3.288E+01	3.466E+01	3.654E+01
199	3.231E+01	3.406E+01	3.591E+01
200	3.174E+01	3.347E+01	3.529E+01

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)