NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-5E106H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5393 K	B+TOLERANCE(K)	161.79	B-TOLERANCE(K)	161.79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	4.577E+07	4.959E+07	5.368E+07
1	4.284E+07	4.631E+07	5.002E+07
2	4.011E+07	4.327E+07	4.664E+07
3	3.757E+07	4.044E+07	4.350E+07
4	3.520E+07	3.782E+07	4.059E+07
5	3.300E+07	3.537E+07	3.788E+07
6	3.094E+07	3.310E+07	3.537E+07
7	2.902E+07	3.098E+07	3.304E+07
8	2.723E+07	2.901E+07	3.087E+07
9	2.556E+07	2.717E+07	2.886E+07
10	2.399E+07	2.546E+07	2.699E+07
11	2.254E+07	2.386E+07	2.524E+07
12	2.117E+07	2.237E+07	2.362E+07
13	1.990E+07	2.099E+07	2.211E+07
14	1.871E+07	1.969E+07	2.071E+07
15	1.760E+07	1.848E+07	1.940E+07
16	1.655E+07	1.736E+07	1.818E+07
17	1.558E+07	1.630E+07	1.705E+07
18	1.467E+07	1.532E+07	1.599E+07
19	1.381E+07	1.440E+07	1.500E+07
20	1.301E+07	1.354E+07	1.407E+07
21	1.226E+07	1.273E+07	1.321E+07
22	1.156E+07	1.198E+07	1.241E+07
23	1.090E+07	1.128E+07	1.166E+07
24	1.028E+07	1.062E+07	1.096E+07
25	9.700E+06	1.000E+07	1.030E+07
26	9.122E+06	9.421E+06	9.722E+06
27	8.582E+06	8.879E+06	9.178E+06
28	8.076E+06	8.371E+06	8.668E+06
29	7.602E+06	7.894E+06	8.189E+06
30	7.159E+06	7.446E+06	7.739E+06
31	6.743E+06	7.027E+06	7.315E+06
32	6.354E+06	6.633E+06	6.917E+06
33	5.989E+06	6.263E+06	6.543E+06
34	5.647E+06	5.915E+06	6.190E+06
35	5.326E+06	5.588E+06	5.858E+06
36	5.025E+06	5.281E+06	5.546E+06
37	4.742E+06	4.993E+06	5.252E+06
38	4.477E+06	4.721E+06	4.974E+06
39	4.228E+06	4.466E+06	4.713E+06
40	3.994E+06	4.225E+06	4.467E+06
41	3.773E+06	3.999E+06	4.235E+06
42	3.567E+06	3.786E+06	4.015E+06
43	3.372E+06	3.585E+06	3.809E+06
44	3.189E+06	3.396E+06	3.614E+06
45	3.017E+06	3.218E+06	3.429E+06
46	2.855E+06	3.050E+06	3.255E+06
47	2.702E+06	2.891E+06	3.091E+06
48	2.558E+06	2.742E+06	2.936E+06
49	2.423E+06	2.601E+06	2.789E+06
50	2.295E+06	2.468E+06	2.651E+06

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-5E106H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5393 K	B+TOLERANCE(K)	161.79	B-TOLERANCE(K)	161.79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	2.295E+06	2.468E+06	2.651E+06
51	2.175E+06	2.342E+06	2.519E+06
52	2.061E+06	2.223E+06	2.395E+06
53	1.954E+06	2.111E+06	2.278E+06
54	1.854E+06	2.005E+06	2.167E+06
55	1.758E+06	1.905E+06	2.062E+06
56	1.668E+06	1.810E+06	1.962E+06
57	1.584E+06	1.721E+06	1.868E+06
58	1.503E+06	1.636E+06	1.779E+06
59	1.428E+06	1.556E+06	1.694E+06
60	1.356E+06	1.480E+06	1.614E+06
61	1.288E+06	1.408E+06	1.538E+06
62	1.224E+06	1.340E+06	1.466E+06
63	1.164E+06	1.276E+06	1.397E+06
64	1.107E+06	1.215E+06	1.332E+06
65	1.053E+06	1.157E+06	1.271E+06
66	1.001E+06	1.102E+06	1.212E+06
67	9.529E+05	1.050E+06	1.157E+06
68	9.070E+05	1.001E+06	1.104E+06
69	8.635E+05	9.545E+05	1.054E+06
70	8.222E+05	9.102E+05	1.007E+06
71	7.832E+05	8.682E+05	9.615E+05
72	7.462E+05	8.283E+05	9.185E+05
73	7.111E+05	7.904E+05	8.777E+05
74	6.778E+05	7.544E+05	8.389E+05
75	6.462E+05	7.202E+05	8.019E+05
76	6.162E+05	6.877E+05	7.668E+05
77	5.878E+05	6.568E+05	7.333E+05
78	5.608E+05	6.275E+05	7.015E+05
79	5.352E+05	5.996E+05	6.712E+05
80	5.108E+05	5.730E+05	6.423E+05
81	4.876E+05	5.478E+05	6.148E+05
82	4.657E+05	5.237E+05	5.885E+05
83	4.447E+05	5.009E+05	5.636E+05
84	4.249E+05	4.791E+05	5.397E+05
85	4.060E+05	4.584E+05	5.170E+05
86	3.880E+05	4.386E+05	4.954E+05
87	3.709E+05	4.198E+05	4.748E+05
88	3.547E+05	4.019E+05	4.551E+05
89	3.392E+05	3.849E+05	4.363E+05
90	3.244E+05	3.686E+05	4.184E+05
91	3.104E+05	3.531E+05	4.013E+05
92	2.971E+05	3.383E+05	3.850E+05
93	2.844E+05	3.242E+05	3.694E+05
94	2.722E+05	3.108E+05	3.545E+05
95	2.607E+05	2.980E+05	3.403E+05
96	2.497E+05	2.857E+05	3.267E+05
97	2.392E+05	2.740E+05	3.137E+05
98	2.292E+05	2.629E+05	3.013E+05
99	2.196E+05	2.522E+05	2.894E+05
100	2.105E+05	2.421E+05	2.780E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	2.105E+05	2.421E+05	2.780E+05
101	2.018E+05	2.323E+05	2.672E+05
102	1.935E+05	2.230E+05	2.568E+05
103	1.856E+05	2.141E+05	2.468E+05
104	1.780E+05	2.056E+05	2.373E+05
105	1.708E+05	1.975E+05	2.282E+05
106	1.639E+05	1.898E+05	2.195E+05
107	1.573E+05	1.823E+05	2.111E+05
108	1.510E+05	1.752E+05	2.031E+05
109	1.450E+05	1.685E+05	1.955E+05
110	1.393E+05	1.620E+05	1.882E+05
111	1.338E+05	1.558E+05	1.812E+05
112	1.286E+05	1.498E+05	1.745E+05
113	1.236E+05	1.442E+05	1.680E+05
114	1.188E+05	1.387E+05	1.619E+05
115	1.142E+05	1.335E+05	1.559E+05
116	1.098E+05	1.285E+05	1.503E+05
117	1.056E+05	1.237E+05	1.448E+05
118	1.016E+05	1.191E+05	1.396E+05
119	9.770E+04	1.147E+05	1.346E+05
120	9.401E+04	1.105E+05	1.298E+05
121	9.048E+04	1.065E+05	1.251E+05
122	8.709E+04	1.026E+05	1.207E+05
123	8.384E+04	9.885E+04	1.164E+05
124	8.073E+04	9.528E+04	1.124E+05
125	7.774E+04	9.185E+04	1.084E+05
126	7.488E+04	8.856E+04	1.046E+05
127	7.214E+04	8.540E+04	1.010E+05
128	6.951E+04	8.237E+04	9.753E+04
129	6.698E+04	7.946E+04	9.417E+04
130	6.456E+04	7.666E+04	9.095E+04
131	6.224E+04	7.397E+04	8.785E+04
132	6.000E+04	7.139E+04	8.486E+04
133	5.786E+04	6.891E+04	8.199E+04
134	5.580E+04	6.653E+04	7.923E+04
135	5.383E+04	6.423E+04	7.658E+04
136	5.193E+04	6.203E+04	7.403E+04
137	5.011E+04	5.991E+04	7.157E+04
138	4.836E+04	5.788E+04	6.920E+04
139	4.668E+04	5.592E+04	6.693E+04
140	4.507E+04	5.404E+04	6.474E+04
141	4.352E+04	5.223E+04	6.263E+04
142	4.203E+04	5.049E+04	6.060E+04
143	4.060E+04	4.882E+04	5.864E+04
144	3.922E+04	4.720E+04	5.676E+04
145	3.790E+04	4.565E+04	5.494E+04
146	3.662E+04	4.416E+04	5.319E+04
147	3.539E+04	4.272E+04	5.151E+04
148	3.421E+04	4.133E+04	4.988E+04
149	3.308E+04	3.999E+04	4.831E+04
150	3.198E+04	3.871E+04	4.680E+04

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-5E106H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5393 K	B+TOLERANCE(K)	161.79	B-TOLERANCE(K)	161.79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
150	3.198E+04	3.871E+04	4.680E+04
151	3.093E+04	3.747E+04	4.534E+04
152	2.992E+04	3.627E+04	4.393E+04
153	2.894E+04	3.512E+04	4.258E+04
154	2.800E+04	3.401E+04	4.127E+04
155	2.710E+04	3.294E+04	4.000E+04
156	2.622E+04	3.191E+04	3.878E+04
157	2.538E+04	3.091E+04	3.760E+04
158	2.457E+04	2.995E+04	3.646E+04
159	2.379E+04	2.902E+04	3.537E+04
160	2.303E+04	2.812E+04	3.430E+04
161	2.230E+04	2.726E+04	3.327E+04
162	2.160E+04	2.642E+04	3.228E+04
163	2.092E+04	2.561E+04	3.132E+04
164	2.027E+04	2.483E+04	3.039E+04
165	1.964E+04	2.408E+04	2.950E+04
166	1.903E+04	2.335E+04	2.863E+04
167	1.844E+04	2.265E+04	2.780E+04
168	1.788E+04	2.197E+04	2.699E+04
169	1.733E+04	2.132E+04	2.620E+04
170	1.680E+04	2.069E+04	2.545E+04
171	1.629E+04	2.008E+04	2.472E+04
172	1.580E+04	1.949E+04	2.401E+04
173	1.532E+04	1.891E+04	2.332E+04
174	1.487E+04	1.836E+04	2.266E+04
175	1.442E+04	1.783E+04	2.202E+04
176	1.399E+04	1.731E+04	2.140E+04
177	1.358E+04	1.682E+04	2.080E+04
178	1.318E+04	1.633E+04	2.022E+04
179	1.279E+04	1.587E+04	1.966E+04
180	1.242E+04	1.541E+04	1.912E+04
181	1.206E+04	1.498E+04	1.859E+04
182	1.171E+04	1.456E+04	1.808E+04
183	1.137E+04	1.415E+04	1.758E+04
184	1.104E+04	1.375E+04	1.710E+04
185	1.073E+04	1.337E+04	1.664E+04
186	1.042E+04	1.300E+04	1.619E+04
187	1.013E+04	1.264E+04	1.576E+04
188	9.840E+03	1.229E+04	1.533E+04
189	9.563E+03	1.195E+04	1.493E+04
190	9.295E+03	1.163E+04	1.453E+04
191	9.036E+03	1.131E+04	1.415E+04
192	8.785E+03	1.100E+04	1.377E+04
193	8.542E+03	1.071E+04	1.341E+04
194	8.307E+03	1.042E+04	1.306E+04
195	8.079E+03	1.014E+04	1.272E+04
196	7.858E+03	9.873E+03	1.239E+04
197	7.644E+03	9.611E+03	1.207E+04
198	7.436E+03	9.357E+03	1.176E+04
199	7.235E+03	9.110E+03	1.146E+04
200	7.040E+03	8.871E+03	1.117E+04

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
200	7.040E+03	8.871E+03	1.117E+04
201	6.851E+03	8.639E+03	1.088E+04
202	6.667E+03	8.413E+03	1.061E+04
203	6.489E+03	8.194E+03	1.034E+04
204	6.317E+03	7.982E+03	1.008E+04
205	6.150E+03	7.777E+03	9.825E+03
206	5.987E+03	7.577E+03	9.580E+03
207	5.830E+03	7.383E+03	9.341E+03
208	5.678E+03	7.195E+03	9.110E+03
209	5.530E+03	7.013E+03	8.885E+03
210	5.386E+03	6.836E+03	8.667E+03
211	5.247E+03	6.664E+03	8.454E+03
212	5.112E+03	6.497E+03	8.248E+03
213	4.981E+03	6.334E+03	8.048E+03
214	4.854E+03	6.177E+03	7.853E+03
215	4.731E+03	6.024E+03	7.664E+03
216	4.611E+03	5.876E+03	7.480E+03
217	4.495E+03	5.731E+03	7.302E+03
218	4.382E+03	5.591E+03	7.128E+03
219	4.273E+03	5.455E+03	6.959E+03
220	4.166E+03	5.323E+03	6.795E+03
221	4.063E+03	5.194E+03	6.635E+03
222	3.962E+03	5.069E+03	6.480E+03
223	3.865E+03	4.948E+03	6.329E+03
224	3.770E+03	4.830E+03	6.182E+03
225	3.678E+03	4.715E+03	6.039E+03
226	3.589E+03	4.604E+03	5.900E+03
227	3.502E+03	4.495E+03	5.764E+03
228	3.418E+03	4.390E+03	5.633E+03
229	3.336E+03	4.287E+03	5.505E+03
230	3.256E+03	4.187E+03	5.380E+03
231	3.179E+03	4.090E+03	5.259E+03
232	3.103E+03	3.996E+03	5.141E+03
233	3.030E+03	3.904E+03	5.026E+03
234	2.959E+03	3.815E+03	4.914E+03
235	2.890E+03	3.728E+03	4.805E+03
236	2.822E+03	3.643E+03	4.699E+03
237	2.757E+03	3.561E+03	4.595E+03
238	2.693E+03	3.480E+03	4.494E+03
239	2.631E+03	3.402E+03	4.396E+03
240	2.570E+03	3.326E+03	4.300E+03
241	2.511E+03	3.252E+03	4.207E+03
242	2.454E+03	3.179E+03	4.116E+03
243	2.398E+03	3.109E+03	4.027E+03
244	2.343E+03	3.040E+03	3.940E+03
245	2.290E+03	2.973E+03	3.856E+03
246	2.239E+03	2.908E+03	3.773E+03
247	2.188E+03	2.844E+03	3.693E+03
248	2.139E+03	2.782E+03	3.614E+03
249	2.092E+03	2.722E+03	3.538E+03
250	2.045E+03	2.663E+03	3.463E+03

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-5E106H*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	10000000 Ω	R+TOLERANCE(%)	3	R-TOLERANCE(%)	3
B(T1℃/T2℃)	5393 K	B+TOLERANCE(K)	161.79	B-TOLERANCE(K)	161.79

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
250	2.045E+03	2.663E+03	3.463E+03
251	2.000E+03	2.605E+03	3.390E+03
252	1.955E+03	2.549E+03	3.319E+03
253	1.912E+03	2.494E+03	3.250E+03
254	1.870E+03	2.441E+03	3.182E+03
255	1.829E+03	2.389E+03	3.116E+03
256	1.790E+03	2.338E+03	3.052E+03
257	1.751E+03	2.289E+03	2.989E+03
258	1.713E+03	2.240E+03	2.928E+03
259	1.676E+03	2.194E+03	2.868E+03
260	1.640E+03	2.148E+03	2.810E+03
261	1.605E+03	2.103E+03	2.753E+03
262	1.571E+03	2.060E+03	2.698E+03
263	1.538E+03	2.017E+03	2.644E+03
264	1.505E+03	1.976E+03	2.591E+03
265	1.474E+03	1.935E+03	2.539E+03
266	1.443E+03	1.896E+03	2.489E+03
267	1.413E+03	1.857E+03	2.440E+03
268	1.384E+03	1.820E+03	2.392E+03
269	1.355E+03	1.783E+03	2.345E+03
270	1.327E+03	1.747E+03	2.299E+03
271	1.300E+03	1.712E+03	2.254E+03
272	1.273E+03	1.678E+03	2.210E+03
273	1.247E+03	1.645E+03	2.167E+03
274	1.221E+03	1.612E+03	2.125E+03
275	1.197E+03	1.580E+03	2.084E+03
276	1.172E+03	1.549E+03	2.044E+03
277	1.149E+03	1.518E+03	2.005E+03
278	1.126E+03	1.489E+03	1.967E+03
279	1.103E+03	1.459E+03	1.930E+03
280	1.081E+03	1.431E+03	1.893E+03
281	1.059E+03	1.403E+03	1.857E+03
282	1.038E+03	1.376E+03	1.822E+03
283	1.018E+03	1.350E+03	1.788E+03
284	9.976E+02	1.324E+03	1.754E+03
285	9.780E+02	1.298E+03	1.722E+03
286	9.588E+02	1.273E+03	1.690E+03
287	9.401E+02	1.249E+03	1.658E+03
288	9.218E+02	1.225E+03	1.628E+03
289	9.038E+02	1.202E+03	1.598E+03
290	8.863E+02	1.180E+03	1.568E+03
291	8.692E+02	1.157E+03	1.540E+03
292	8.525E+02	1.136E+03	1.512E+03
293	8.361E+02	1.114E+03	1.484E+03
294	8.201E+02	1.094E+03	1.457E+03
295	8.045E+02	1.073E+03	1.431E+03
296	7.892E+02	1.054E+03	1.405E+03
297	7.743E+02	1.034E+03	1.380E+03
298	7.596E+02	1.015E+03	1.355E+03
299	7.453E+02	9.964E+02	1.331E+03
300	7.313E+02	9.782E+02	1.307E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)