NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-6P493F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	49120 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3948 K	B+TOLERANCE(K)	39.48	B-TOLERANCE(K)	39.48

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.599E+06	1.676E+06	1.756E+06
-39	1.497E+06	1.568E+06	1.642E+06
-38	1.403E+06	1.468E+06	1.536E+06
-37	1.314E+06	1.375E+06	1.438E+06
-36	1.232E+06	1.288E+06	1.346E+06
-35	1.156E+06	1.207E+06	1.261E+06
-34	1.085E+06	1.132E+06	1.182E+06
-33	1.019E+06	1.062E+06	1.108E+06
-32	9.567E+05	9.971E+05	1.039E+06
-31	8.990E+05	9.363E+05	9.751E+05
-30	8.451E+05	8.796E+05	9.154E+05
-29	7.949E+05	8.267E+05	8.598E+05
-28	7.479E+05	7.774E+05	8.080E+05
-27	7.040E+05	7.313E+05	7.595E+05
-26	6.629E+05	6.881E+05	7.143E+05
-25	6.245E+05	6.478E+05	6.720E+05
-24	5.885E+05	6.101E+05	6.325E+05
-23	5.548E+05	5.749E+05	5.955E+05
-22	5.233E+05	5.418E+05	5.610E+05
-21	4.937E+05	5.109E+05	5.286E+05
-20	4.660E+05	4.819E+05	4.983E+05
-19	4.400E+05	4.548E+05	4.700E+05
-18	4.156E+05	4.293E+05	4.434E+05
-17	3.927E+05	4.054E+05	4.185E+05
-16	3.712E+05	3.830E+05	3.951E+05
-15	3.510E+05	3.619E+05	3.731E+05
-14	3.321E+05	3.422E+05	3.525E+05
-13	3.142E+05	3.236E+05	3.332E+05
-12	2.974E+05	3.061E+05	3.150E+05
-11	2.816E+05	2.897E+05	2.979E+05
-10	2.667E+05	2.742E+05	2.819E+05
-9	2.527E+05	2.597E+05	2.668E+05
-8	2.396E+05	2.460E+05	2.526E+05
-7	2.271E+05	2.331E+05	2.392E+05
-6	2.154E+05	2.210E+05	2.266E+05
-5	2.044E+05	2.095E+05	2.148E+05
-4	1.940E+05	1.988E+05	2.036E+05
-3	1.842E+05	1.886E+05	1.931E+05
-2	1.749E+05	1.790E+05	1.832E+05
-1	1.662E+05	1.700E+05	1.739E+05
0	1.579E+05	1.614E+05	1.650E+05

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.579E+05	1.614E+05	1.650E+05
1	1.501E+05	1.534E+05	1.567E+05
2	1.427E+05	1.458E+05	1.489E+05
3	1.358E+05	1.386E+05	1.415E+05
4	1.292E+05	1.318E+05	1.344E+05
5	1.229E+05	1.254E+05	1.278E+05
6	1.170E+05	1.193E+05	1.216E+05
7	1.115E+05	1.136E+05	1.157E+05
8	1.062E+05	1.081E+05	1.101E+05
9	1.012E+05	1.030E+05	1.048E+05
10	9.646E+04	9.812E+04	9.980E+04
11	9.197E+04	9.351E+04	9.506E+04
12	8.772E+04	8.914E+04	9.058E+04
13	8.369E+04	8.500E+04	8.633E+04
14	7.986E+04	8.108E+04	8.231E+04
15	7.624E+04	7.736E+04	7.849E+04
16	7.279E+04	7.383E+04	7.488E+04
17	6.953E+04	7.049E+04	7.145E+04
18	6.643E+04	6.731E+04	6.820E+04
19	6.348E+04	6.430E+04	6.512E+04
20	6.068E+04	6.143E+04	6.219E+04
21	5.802E+04	5.871E+04	5.941E+04
22	5.549E+04	5.613E+04	5.677E+04
23	5.309E+04	5.367E+04	5.426E+04
24	5.080E+04	5.134E+04	5.188E+04
25	4.863E+04	4.912E+04	4.961E+04
26	4.652E+04	4.701E+04	4.750E+04
27	4.451E+04	4.500E+04	4.549E+04
28	4.260E+04	4.309E+04	4.358E+04
29	4.078E+04	4.127E+04	4.175E+04
30	3.905E+04	3.954E+04	4.002E+04
31	3.741E+04	3.788E+04	3.836E+04
32	3.584E+04	3.631E+04	3.679E+04
33	3.435E+04	3.481E+04	3.528E+04
34	3.292E+04	3.339E+04	3.385E+04
35	3.157E+04	3.202E+04	3.248E+04
36	3.028E+04	3.073E+04	3.118E+04
37	2.904E+04	2.949E+04	2.994E+04
38	2.787E+04	2.831E+04	2.875E+04
39	2.675E+04	2.718E+04	2.761E+04
40	2.568E+04	2.610E+04	2.653E+04
41	2.465E+04	2.507E+04	2.549E+04
42	2.368E+04	2.409E+04	2.450E+04
43	2.275E+04	2.315E+04	2.356E+04
44	2.185E+04	2.225E+04	2.265E+04
45	2.100E+04	2.139E+04	2.179E+04
46	2.019E+04	2.057E+04	2.096E+04
47	1.941E+04	1.979E+04	2.017E+04
48	1.867E+04	1.904E+04	1.941E+04
49	1.796E+04	1.832E+04	1.869E+04
50	1.728E+04	1.763E+04	1.799E+04

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-6P493F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	49120 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3948 K	B+TOLERANCE(K)	39.48	B-TOLERANCE(K)	39.48

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.728E+04	1.763E+04	1.799E+04
51	1.663E+04	1.698E+04	1.733E+04
52	1.601E+04	1.635E+04	1.669E+04
53	1.541E+04	1.574E+04	1.608E+04
54	1.484E+04	1.517E+04	1.550E+04
55	1.429E+04	1.461E+04	1.494E+04
56	1.377E+04	1.408E+04	1.440E+04
57	1.327E+04	1.358E+04	1.389E+04
58	1.279E+04	1.309E+04	1.339E+04
59	1.233E+04	1.262E+04	1.292E+04
60	1.189E+04	1.217E+04	1.247E+04
61	1.146E+04	1.174E+04	1.203E+04
62	1.106E+04	1.133E+04	1.161E+04
63	1.067E+04	1.094E+04	1.121E+04
64	1.029E+04	1.056E+04	1.083E+04
65	9.933E+03	1.019E+04	1.046E+04
66	9.588E+03	9.841E+03	1.010E+04
67	9.257E+03	9.505E+03	9.758E+03
68	8.939E+03	9.182E+03	9.429E+03
69	8.634E+03	8.871E+03	9.114E+03
70	8.341E+03	8.572E+03	8.810E+03
71	8.059E+03	8.285E+03	8.518E+03
72	7.788E+03	8.009E+03	8.237E+03
73	7.527E+03	7.744E+03	7.966E+03
74	7.276E+03	7.489E+03	7.706E+03
75	7.035E+03	7.243E+03	7.456E+03
76	6.804E+03	7.007E+03	7.215E+03
77	6.581E+03	6.779E+03	6.983E+03
78	6.366E+03	6.560E+03	6.759E+03
79	6.159E+03	6.349E+03	6.544E+03
80	5.960E+03	6.146E+03	6.337E+03
81	5.769E+03	5.950E+03	6.137E+03
82	5.584E+03	5.762E+03	5.945E+03
83	5.407E+03	5.580E+03	5.759E+03
84	5.236E+03	5.405E+03	5.580E+03
85	5.071E+03	5.237E+03	5.408E+03
86	4.912E+03	5.074E+03	5.241E+03
87	4.758E+03	4.917E+03	5.081E+03
88	4.611E+03	4.766E+03	4.926E+03
89	4.468E+03	4.620E+03	4.777E+03
90	4.331E+03	4.480E+03	4.633E+03
91	4.198E+03	4.344E+03	4.494E+03
92	4.071E+03	4.213E+03	4.360E+03
93	3.947E+03	4.086E+03	4.230E+03
94	3.828E+03	3.964E+03	4.105E+03
95	3.713E+03	3.846E+03	3.984E+03
96	3.602E+03	3.733E+03	3.867E+03
97	3.495E+03	3.623E+03	3.754E+03
98	3.392E+03	3.517E+03	3.645E+03
99	3.292E+03	3.414E+03	3.540E+03
100	3.196E+03	3.315E+03	3.438E+03

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	3.196E+03	3.315E+03	3.438E+03
101	3.102E+03	3.219E+03	3.340E+03
102	3.012E+03	3.126E+03	3.245E+03
103	2.925E+03	3.037E+03	3.153E+03
104	2.841E+03	2.950E+03	3.064E+03
105	2.760E+03	2.867E+03	2.978E+03
106	2.681E+03	2.786E+03	2.894E+03
107	2.605E+03	2.707E+03	2.814E+03
108	2.531E+03	2.632E+03	2.736E+03
109	2.460E+03	2.558E+03	2.660E+03
110	2.391E+03	2.488E+03	2.587E+03
111	2.325E+03	2.419E+03	2.517E+03
112	2.260E+03	2.352E+03	2.448E+03
113	2.198E+03	2.288E+03	2.382E+03
114	2.137E+03	2.226E+03	2.317E+03
115	2.079E+03	2.165E+03	2.255E+03
116	2.022E+03	2.107E+03	2.195E+03
117	1.967E+03	2.050E+03	2.137E+03
118	1.914E+03	1.996E+03	2.080E+03
119	1.863E+03	1.942E+03	2.025E+03
120	1.813E+03	1.891E+03	1.972E+03
121	1.765E+03	1.841E+03	1.920E+03
122	1.718E+03	1.793E+03	1.870E+03
123	1.673E+03	1.746E+03	1.822E+03
124	1.629E+03	1.700E+03	1.775E+03
125	1.586E+03	1.656E+03	1.729E+03
126	1.545E+03	1.613E+03	1.685E+03
127	1.504E+03	1.572E+03	1.642E+03
128	1.466E+03	1.532E+03	1.600E+03
129	1.428E+03	1.492E+03	1.560E+03
130	1.391E+03	1.455E+03	1.521E+03
131	1.356E+03	1.418E+03	1.483E+03
132	1.321E+03	1.382E+03	1.446E+03
133	1.288E+03	1.347E+03	1.410E+03
134	1.255E+03	1.314E+03	1.375E+03
135	1.224E+03	1.281E+03	1.341E+03
136	1.193E+03	1.249E+03	1.308E+03
137	1.164E+03	1.219E+03	1.276E+03
138	1.135E+03	1.189E+03	1.245E+03
139	1.107E+03	1.160E+03	1.215E+03
140	1.080E+03	1.131E+03	1.186E+03
141	1.053E+03	1.104E+03	1.157E+03
142	1.028E+03	1.078E+03	1.130E+03
143	1.003E+03	1.052E+03	1.103E+03
144	9.787E+02	1.027E+03	1.077E+03
145	9.553E+02	1.002E+03	1.052E+03
146	9.324E+02	9.786E+02	1.027E+03
147	9.103E+02	9.555E+02	1.003E+03
148	8.887E+02	9.331E+02	9.796E+02
149	8.678E+02	9.113E+02	9.569E+02
150	8.474E+02	8.901E+02	9.348E+02

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-6P493F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	49120 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3948 K	B+TOLERANCE(K)	39.48	B-TOLERANCE(K)	39.48

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
150	8.474E+02	8.901E+02	9.348E+02
151	8.275E+02	8.694E+02	9.133E+02
152	8.082E+02	8.493E+02	8.924E+02
153	7.894E+02	8.298E+02	8.721E+02
154	7.712E+02	8.107E+02	8.523E+02
155	7.534E+02	7.923E+02	8.330E+02
156	7.362E+02	7.743E+02	8.143E+02
157	7.194E+02	7.568E+02	7.960E+02
158	7.030E+02	7.397E+02	7.783E+02
159	6.871E+02	7.231E+02	7.610E+02
160	6.716E+02	7.070E+02	7.442E+02
161	6.566E+02	6.913E+02	7.278E+02
162	6.419E+02	6.760E+02	7.118E+02
163	6.277E+02	6.611E+02	6.963E+02
164	6.138E+02	6.466E+02	6.812E+02
165	6.003E+02	6.325E+02	6.665E+02
166	5.871E+02	6.188E+02	6.521E+02
167	5.743E+02	6.054E+02	6.382E+02
168	5.618E+02	5.924E+02	6.245E+02
169	5.497E+02	5.797E+02	6.113E+02
170	5.378E+02	5.673E+02	5.984E+02
171	5.263E+02	5.553E+02	5.858E+02
172	5.151E+02	5.435E+02	5.735E+02
173	5.041E+02	5.321E+02	5.615E+02
174	4.934E+02	5.209E+02	5.499E+02
175	4.831E+02	5.100E+02	5.385E+02
176	4.729E+02	4.994E+02	5.274E+02
177	4.631E+02	4.891E+02	5.166E+02
178	4.534E+02	4.790E+02	5.061E+02
179	4.440E+02	4.692E+02	4.958E+02
180	4.349E+02	4.596E+02	4.858E+02
181	4.260E+02	4.503E+02	4.760E+02
182	4.173E+02	4.412E+02	4.665E+02
183	4.088E+02	4.324E+02	4.572E+02
184	4.006E+02	4.237E+02	4.481E+02
185	3.925E+02	4.152E+02	4.392E+02
186	3.846E+02	4.070E+02	4.306E+02
187	3.770E+02	3.989E+02	4.222E+02
188	3.695E+02	3.911E+02	4.139E+02
189	3.621E+02	3.834E+02	4.058E+02
190	3.550E+02	3.759E+02	3.980E+02
191	3.480E+02	3.685E+02	3.903E+02
192	3.411E+02	3.614E+02	3.827E+02
193	3.345E+02	3.544E+02	3.754E+02
194	3.279E+02	3.475E+02	3.682E+02
195	3.216E+02	3.408E+02	3.612E+02
196	3.154E+02	3.343E+02	3.544E+02
197	3.093E+02	3.280E+02	3.477E+02
198	3.034E+02	3.217E+02	3.411E+02
199	2.976E+02	3.157E+02	3.348E+02
200	2.920E+02	3.097E+02	3.285E+02

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
200	2.920E+02	3.097E+02	3.285E+02
201	2.865E+02	3.040E+02	3.225E+02
202	2.811E+02	2.983E+02	3.165E+02
203	2.759E+02	2.928E+02	3.107E+02
204	2.707E+02	2.874E+02	3.051E+02
205	2.657E+02	2.821E+02	2.995E+02
206	2.608E+02	2.770E+02	2.941E+02
207	2.560E+02	2.719E+02	2.888E+02
208	2.513E+02	2.670E+02	2.836E+02
209	2.467E+02	2.621E+02	2.785E+02
210	2.422E+02	2.574E+02	2.735E+02
211	2.378E+02	2.528E+02	2.686E+02
212	2.335E+02	2.483E+02	2.639E+02
213	2.293E+02	2.438E+02	2.592E+02
214	2.252E+02	2.395E+02	2.546E+02
215	2.212E+02	2.353E+02	2.502E+02
216	2.173E+02	2.311E+02	2.458E+02
217	2.134E+02	2.271E+02	2.415E+02
218	2.097E+02	2.231E+02	2.373E+02
219	2.060E+02	2.192E+02	2.332E+02
220	2.024E+02	2.154E+02	2.292E+02
221	1.988E+02	2.116E+02	2.253E+02
222	1.953E+02	2.080E+02	2.214E+02
223	1.919E+02	2.044E+02	2.176E+02
224	1.886E+02	2.009E+02	2.139E+02
225	1.854E+02	1.975E+02	2.103E+02
226	1.822E+02	1.941E+02	2.068E+02
227	1.791E+02	1.908E+02	2.033E+02
228	1.760E+02	1.876E+02	1.999E+02
229	1.731E+02	1.845E+02	1.966E+02
230	1.701E+02	1.814E+02	1.933E+02
231	1.673E+02	1.784E+02	1.902E+02
232	1.645E+02	1.754E+02	1.871E+02
233	1.618E+02	1.725E+02	1.840E+02
234	1.591E+02	1.697E+02	1.810E+02
235	1.565E+02	1.669E+02	1.781E+02
236	1.539E+02	1.642E+02	1.752E+02
237	1.514E+02	1.616E+02	1.724E+02
238	1.489E+02	1.590E+02	1.696E+02
239	1.465E+02	1.564E+02	1.669E+02
240	1.441E+02	1.539E+02	1.643E+02
241	1.418E+02	1.514E+02	1.617E+02
242	1.395E+02	1.490E+02	1.591E+02
243	1.373E+02	1.466E+02	1.566E+02
244	1.351E+02	1.443E+02	1.542E+02
245	1.329E+02	1.421E+02	1.518E+02
246	1.308E+02	1.398E+02	1.494E+02
247	1.288E+02	1.376E+02	1.471E+02
248	1.267E+02	1.355E+02	1.448E+02
249	1.248E+02	1.334E+02	1.426E+02
250	1.228E+02	1.313E+02	1.404E+02

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-6P493F*

T0(℃)	T1(℃)	T2(℃)
25	25	50

R at T0℃	49120 Ω	R+TOLERANCE(%)	1	R-TOLERANCE(%)	1
B(T1℃/T2℃)	3948 K	B+TOLERANCE(K)	39.48	B-TOLERANCE(K)	39.48

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
250	1.228E+02	1.313E+02	1.404E+02
251	1.209E+02	1.293E+02	1.383E+02
252	1.190E+02	1.273E+02	1.361E+02
253	1.172E+02	1.253E+02	1.341E+02
254	1.154E+02	1.234E+02	1.320E+02
255	1.136E+02	1.216E+02	1.301E+02
256	1.119E+02	1.197E+02	1.281E+02
257	1.101E+02	1.179E+02	1.262E+02
258	1.085E+02	1.161E+02	1.243E+02
259	1.068E+02	1.144E+02	1.224E+02
260	1.052E+02	1.127E+02	1.206E+02
261	1.036E+02	1.110E+02	1.189E+02
262	1.021E+02	1.093E+02	1.171E+02
263	1.006E+02	1.077E+02	1.154E+02
264	9.905E+01	1.061E+02	1.137E+02
265	9.758E+01	1.046E+02	1.120E+02
266	9.614E+01	1.030E+02	1.104E+02
267	9.472E+01	1.015E+02	1.088E+02
268	9.333E+01	1.000E+02	1.072E+02
269	9.196E+01	9.859E+01	1.057E+02
270	9.062E+01	9.717E+01	1.042E+02
271	8.930E+01	9.576E+01	1.027E+02
272	8.800E+01	9.439E+01	1.012E+02
273	8.673E+01	9.304E+01	9.979E+01
274	8.548E+01	9.171E+01	9.838E+01
275	8.425E+01	9.040E+01	9.699E+01
276	8.305E+01	8.912E+01	9.563E+01
277	8.186E+01	8.786E+01	9.429E+01
278	8.070E+01	8.662E+01	9.297E+01
279	7.955E+01	8.540E+01	9.167E+01
280	7.843E+01	8.421E+01	9.040E+01
281	7.732E+01	8.303E+01	8.915E+01
282	7.623E+01	8.187E+01	8.791E+01
283	7.516E+01	8.073E+01	8.670E+01
284	7.411E+01	7.961E+01	8.551E+01
285	7.308E+01	7.851E+01	8.434E+01
286	7.206E+01	7.743E+01	8.319E+01
287	7.107E+01	7.638E+01	8.207E+01
288	7.009E+01	7.534E+01	8.096E+01
289	6.914E+01	7.431E+01	7.987E+01
290	6.819E+01	7.331E+01	7.881E+01
291	6.727E+01	7.233E+01	7.776E+01
292	6.636E+01	7.136E+01	7.673E+01
293	6.547E+01	7.041E+01	7.571E+01
294	6.460E+01	6.948E+01	7.472E+01
295	6.373E+01	6.856E+01	7.374E+01
296	6.289E+01	6.766E+01	7.278E+01
297	6.206E+01	6.677E+01	7.184E+01
298	6.124E+01	6.590E+01	7.091E+01
299	6.044E+01	6.505E+01	7.000E+01
300	5.966E+01	6.421E+01	6.911E+01

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)