



## NTC THERMISTOR R-T CHARACTERISTICS

TYPE	<b>GH13-6P303F*</b>
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	<b>30000 Ω</b>	R+TOLERANCE (%)	<b>1</b>	R-TOLERANCE (%)	<b>1</b>
B (T1°C/T2°C)	<b>3948 K</b>	B+TOLERANCE (K)	<b>39.48</b>	B-TOLERANCE (K)	<b>39.48</b>

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	1.055E+04	1.077E+04	1.099E+04
51	1.016E+04	1.037E+04	1.058E+04
52	9.776E+03	9.984E+03	1.020E+04
53	9.412E+03	9.616E+03	9.823E+03
54	9.064E+03	9.263E+03	9.466E+03
55	8.730E+03	8.925E+03	9.124E+03
56	8.410E+03	8.602E+03	8.797E+03
57	8.104E+03	8.291E+03	8.482E+03
58	7.810E+03	7.994E+03	8.181E+03
59	7.529E+03	7.708E+03	7.892E+03
60	7.259E+03	7.435E+03	7.614E+03
61	7.000E+03	7.173E+03	7.348E+03
62	6.752E+03	6.921E+03	7.093E+03
63	6.514E+03	6.679E+03	6.848E+03
64	6.286E+03	6.447E+03	6.612E+03
65	6.066E+03	6.224E+03	6.386E+03
66	5.856E+03	6.011E+03	6.169E+03
67	5.654E+03	5.805E+03	5.960E+03
68	5.460E+03	5.608E+03	5.759E+03
69	5.273E+03	5.418E+03	5.566E+03
70	5.094E+03	5.236E+03	5.381E+03
71	4.922E+03	5.060E+03	5.202E+03
72	4.756E+03	4.892E+03	5.031E+03
73	4.597E+03	4.730E+03	4.865E+03
74	4.444E+03	4.574E+03	4.707E+03
75	4.297E+03	4.424E+03	4.554E+03
76	4.155E+03	4.279E+03	4.406E+03
77	4.019E+03	4.140E+03	4.265E+03
78	3.888E+03	4.007E+03	4.128E+03
79	3.762E+03	3.878E+03	3.997E+03
80	3.640E+03	3.754E+03	3.870E+03
81	3.523E+03	3.634E+03	3.748E+03
82	3.411E+03	3.519E+03	3.631E+03
83	3.302E+03	3.408E+03	3.517E+03
84	3.198E+03	3.301E+03	3.408E+03
85	3.097E+03	3.198E+03	3.303E+03
86	3.000E+03	3.099E+03	3.201E+03
87	2.906E+03	3.003E+03	3.103E+03
88	2.816E+03	2.911E+03	3.009E+03
89	2.729E+03	2.822E+03	2.918E+03
90	2.645E+03	2.736E+03	2.830E+03
91	2.564E+03	2.653E+03	2.745E+03
92	2.486E+03	2.573E+03	2.663E+03
93	2.411E+03	2.496E+03	2.583E+03
94	2.338E+03	2.421E+03	2.507E+03
95	2.268E+03	2.349E+03	2.433E+03
96	2.200E+03	2.280E+03	2.362E+03
97	2.135E+03	2.213E+03	2.293E+03
98	2.072E+03	2.148E+03	2.226E+03
99	2.011E+03	2.085E+03	2.162E+03
100	1.952E+03	2.025E+03	2.100E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	1.952E+03	2.025E+03	2.100E+03
101	1.895E+03	1.966E+03	2.040E+03
102	1.840E+03	1.910E+03	1.982E+03
103	1.787E+03	1.855E+03	1.926E+03
104	1.735E+03	1.802E+03	1.871E+03
105	1.685E+03	1.751E+03	1.819E+03
106	1.637E+03	1.701E+03	1.768E+03
107	1.591E+03	1.654E+03	1.719E+03
108	1.546E+03	1.607E+03	1.671E+03
109	1.503E+03	1.563E+03	1.625E+03
110	1.461E+03	1.519E+03	1.580E+03
111	1.420E+03	1.477E+03	1.537E+03
112	1.380E+03	1.437E+03	1.495E+03
113	1.342E+03	1.397E+03	1.455E+03
114	1.305E+03	1.359E+03	1.415E+03
115	1.270E+03	1.323E+03	1.377E+03
116	1.235E+03	1.287E+03	1.341E+03
117	1.202E+03	1.252E+03	1.305E+03
118	1.169E+03	1.219E+03	1.270E+03
119	1.138E+03	1.186E+03	1.237E+03
120	1.107E+03	1.155E+03	1.204E+03
121	1.078E+03	1.124E+03	1.173E+03
122	1.049E+03	1.095E+03	1.142E+03
123	1.021E+03	1.066E+03	1.113E+03
124	9.946E+02	1.038E+03	1.084E+03
125	9.686E+02	1.011E+03	1.056E+03
126	9.433E+02	9.853E+02	1.029E+03
127	9.188E+02	9.600E+02	1.003E+03
128	8.951E+02	9.354E+02	9.774E+02
129	8.720E+02	9.115E+02	9.527E+02
130	8.497E+02	8.884E+02	9.288E+02
131	8.280E+02	8.659E+02	9.055E+02
132	8.069E+02	8.441E+02	8.829E+02
133	7.865E+02	8.229E+02	8.609E+02
134	7.667E+02	8.023E+02	8.396E+02
135	7.474E+02	7.824E+02	8.189E+02
136	7.287E+02	7.630E+02	7.988E+02
137	7.106E+02	7.442E+02	7.793E+02
138	6.930E+02	7.260E+02	7.604E+02
139	6.760E+02	7.082E+02	7.420E+02
140	6.594E+02	6.910E+02	7.242E+02
141	6.433E+02	6.743E+02	7.068E+02
142	6.277E+02	6.581E+02	6.900E+02
143	6.125E+02	6.424E+02	6.736E+02
144	5.978E+02	6.270E+02	6.577E+02
145	5.834E+02	6.121E+02	6.422E+02
146	5.695E+02	5.977E+02	6.272E+02
147	5.559E+02	5.836E+02	6.125E+02
148	5.428E+02	5.699E+02	5.983E+02
149	5.300E+02	5.566E+02	5.844E+02
150	5.175E+02	5.436E+02	5.710E+02

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B(T1°C/T2°C)	<b>3948 K</b>	B+TOLERANCE (K)	<b>39.48</b>	B-TOLERANCE (K)	<b>39.48</b>

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	5.175E+02	5.436E+02	5.710E+02
151	5.054E+02	5.310E+02	5.578E+02
152	4.936E+02	5.187E+02	5.450E+02
153	4.821E+02	5.068E+02	5.326E+02
154	4.710E+02	4.952E+02	5.205E+02
155	4.602E+02	4.839E+02	5.088E+02
156	4.496E+02	4.729E+02	4.973E+02
157	4.393E+02	4.622E+02	4.862E+02
158	4.294E+02	4.518E+02	4.753E+02
159	4.197E+02	4.417E+02	4.648E+02
160	4.102E+02	4.318E+02	4.545E+02
161	4.010E+02	4.222E+02	4.445E+02
162	3.921E+02	4.129E+02	4.348E+02
163	3.833E+02	4.038E+02	4.253E+02
164	3.749E+02	3.949E+02	4.160E+02
165	3.666E+02	3.863E+02	4.070E+02
166	3.586E+02	3.779E+02	3.983E+02
167	3.508E+02	3.698E+02	3.898E+02
168	3.431E+02	3.618E+02	3.814E+02
169	3.357E+02	3.540E+02	3.733E+02
170	3.285E+02	3.465E+02	3.654E+02
171	3.214E+02	3.391E+02	3.578E+02
172	3.146E+02	3.320E+02	3.503E+02
173	3.079E+02	3.250E+02	3.429E+02
174	3.014E+02	3.181E+02	3.358E+02
175	2.950E+02	3.115E+02	3.289E+02
176	2.888E+02	3.050E+02	3.221E+02
177	2.828E+02	2.987E+02	3.155E+02
178	2.769E+02	2.926E+02	3.091E+02
179	2.712E+02	2.866E+02	3.028E+02
180	2.656E+02	2.807E+02	2.967E+02
181	2.602E+02	2.750E+02	2.907E+02
182	2.549E+02	2.695E+02	2.849E+02
183	2.497E+02	2.641E+02	2.792E+02
184	2.447E+02	2.588E+02	2.737E+02
185	2.397E+02	2.536E+02	2.683E+02
186	2.349E+02	2.486E+02	2.630E+02
187	2.302E+02	2.436E+02	2.578E+02
188	2.256E+02	2.388E+02	2.528E+02
189	2.212E+02	2.342E+02	2.479E+02
190	2.168E+02	2.296E+02	2.431E+02
191	2.125E+02	2.251E+02	2.384E+02
192	2.083E+02	2.207E+02	2.338E+02
193	2.043E+02	2.164E+02	2.293E+02
194	2.003E+02	2.122E+02	2.249E+02
195	1.964E+02	2.082E+02	2.206E+02
196	1.926E+02	2.042E+02	2.164E+02
197	1.889E+02	2.003E+02	2.123E+02
198	1.853E+02	1.965E+02	2.084E+02
199	1.818E+02	1.928E+02	2.045E+02
200	1.783E+02	1.892E+02	2.007E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	1.783E+02	1.892E+02	2.007E+02
201	1.750E+02	1.856E+02	1.969E+02
202	1.717E+02	1.822E+02	1.933E+02
203	1.685E+02	1.788E+02	1.898E+02
204	1.653E+02	1.755E+02	1.863E+02
205	1.623E+02	1.723E+02	1.829E+02
206	1.593E+02	1.691E+02	1.796E+02
207	1.564E+02	1.661E+02	1.764E+02
208	1.535E+02	1.630E+02	1.732E+02
209	1.507E+02	1.601E+02	1.701E+02
210	1.479E+02	1.572E+02	1.670E+02
211	1.453E+02	1.544E+02	1.641E+02
212	1.426E+02	1.516E+02	1.612E+02
213	1.401E+02	1.489E+02	1.583E+02
214	1.376E+02	1.463E+02	1.555E+02
215	1.351E+02	1.437E+02	1.528E+02
216	1.327E+02	1.412E+02	1.501E+02
217	1.303E+02	1.387E+02	1.475E+02
218	1.280E+02	1.362E+02	1.450E+02
219	1.258E+02	1.339E+02	1.425E+02
220	1.236E+02	1.315E+02	1.400E+02
221	1.214E+02	1.293E+02	1.376E+02
222	1.193E+02	1.270E+02	1.352E+02
223	1.172E+02	1.248E+02	1.329E+02
224	1.152E+02	1.227E+02	1.307E+02
225	1.132E+02	1.206E+02	1.285E+02
226	1.113E+02	1.186E+02	1.263E+02
227	1.094E+02	1.165E+02	1.242E+02
228	1.075E+02	1.146E+02	1.221E+02
229	1.057E+02	1.127E+02	1.201E+02
230	1.039E+02	1.108E+02	1.181E+02
231	1.022E+02	1.089E+02	1.161E+02
232	1.005E+02	1.071E+02	1.142E+02
233	9.880E+01	1.054E+02	1.124E+02
234	9.717E+01	1.037E+02	1.106E+02
235	9.557E+01	1.020E+02	1.088E+02
236	9.400E+01	1.003E+02	1.070E+02
237	9.246E+01	9.867E+01	1.053E+02
238	9.095E+01	9.708E+01	1.036E+02
239	8.947E+01	9.552E+01	1.020E+02
240	8.802E+01	9.399E+01	1.003E+02
241	8.660E+01	9.248E+01	9.875E+01
242	8.521E+01	9.101E+01	9.719E+01
243	8.385E+01	8.956E+01	9.566E+01
244	8.251E+01	8.815E+01	9.416E+01
245	8.120E+01	8.676E+01	9.269E+01
246	7.991E+01	8.540E+01	9.125E+01
247	7.865E+01	8.406E+01	8.984E+01
248	7.741E+01	8.275E+01	8.845E+01
249	7.619E+01	8.146E+01	8.709E+01
250	7.500E+01	8.020E+01	8.575E+01

