

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-5E106F*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000000 Ω	R+TOLERANCE (%)	1	R-TOLERANCE (%)	1
B (T1°C/T2°C)	5393 K	B+TOLERANCE (K)	53.93	B-TOLERANCE (K)	53.93

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	2.409E+06	2.468E+06	2.527E+06
51	2.285E+06	2.342E+06	2.400E+06
52	2.168E+06	2.223E+06	2.279E+06
53	2.058E+06	2.111E+06	2.165E+06
54	1.953E+06	2.005E+06	2.058E+06
55	1.855E+06	1.905E+06	1.956E+06
56	1.762E+06	1.810E+06	1.860E+06
57	1.674E+06	1.721E+06	1.769E+06
58	1.591E+06	1.636E+06	1.682E+06
59	1.512E+06	1.556E+06	1.601E+06
60	1.438E+06	1.480E+06	1.524E+06
61	1.367E+06	1.408E+06	1.450E+06
62	1.301E+06	1.340E+06	1.381E+06
63	1.238E+06	1.276E+06	1.315E+06
64	1.178E+06	1.215E+06	1.253E+06
65	1.121E+06	1.157E+06	1.194E+06
66	1.068E+06	1.102E+06	1.138E+06
67	1.017E+06	1.050E+06	1.085E+06
68	9.689E+05	1.001E+06	1.035E+06
69	9.232E+05	9.545E+05	9.867E+05
70	8.800E+05	9.102E+05	9.414E+05
71	8.389E+05	8.682E+05	8.983E+05
72	8.000E+05	8.283E+05	8.574E+05
73	7.631E+05	7.904E+05	8.185E+05
74	7.280E+05	7.544E+05	7.816E+05
75	6.947E+05	7.202E+05	7.465E+05
76	6.631E+05	6.877E+05	7.132E+05
77	6.330E+05	6.568E+05	6.815E+05
78	6.045E+05	6.275E+05	6.513E+05
79	5.773E+05	5.996E+05	6.226E+05
80	5.515E+05	5.730E+05	5.953E+05
81	5.270E+05	5.478E+05	5.693E+05
82	5.037E+05	5.237E+05	5.446E+05
83	4.815E+05	5.009E+05	5.210E+05
84	4.603E+05	4.791E+05	4.986E+05
85	4.402E+05	4.584E+05	4.772E+05
86	4.211E+05	4.386E+05	4.568E+05
87	4.029E+05	4.198E+05	4.374E+05
88	3.855E+05	4.019E+05	4.190E+05
89	3.690E+05	3.849E+05	4.013E+05
90	3.533E+05	3.686E+05	3.845E+05
91	3.383E+05	3.531E+05	3.685E+05
92	3.240E+05	3.383E+05	3.532E+05
93	3.104E+05	3.242E+05	3.387E+05
94	2.974E+05	3.108E+05	3.248E+05
95	2.850E+05	2.980E+05	3.115E+05
96	2.732E+05	2.857E+05	2.988E+05
97	2.619E+05	2.740E+05	2.867E+05
98	2.512E+05	2.629E+05	2.751E+05
99	2.409E+05	2.522E+05	2.641E+05
100	2.311E+05	2.421E+05	2.535E+05

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	2.311E+05	2.421E+05	2.535E+05
101	2.217E+05	2.323E+05	2.434E+05
102	2.127E+05	2.230E+05	2.338E+05
103	2.042E+05	2.141E+05	2.245E+05
104	1.960E+05	2.056E+05	2.157E+05
105	1.882E+05	1.975E+05	2.073E+05
106	1.807E+05	1.898E+05	1.992E+05
107	1.736E+05	1.823E+05	1.915E+05
108	1.668E+05	1.752E+05	1.841E+05
109	1.603E+05	1.685E+05	1.771E+05
110	1.540E+05	1.620E+05	1.703E+05
111	1.481E+05	1.558E+05	1.638E+05
112	1.424E+05	1.498E+05	1.576E+05
113	1.369E+05	1.442E+05	1.517E+05
114	1.317E+05	1.387E+05	1.460E+05
115	1.267E+05	1.335E+05	1.406E+05
116	1.219E+05	1.285E+05	1.354E+05
117	1.174E+05	1.237E+05	1.304E+05
118	1.130E+05	1.191E+05	1.256E+05
119	1.088E+05	1.147E+05	1.210E+05
120	1.047E+05	1.105E+05	1.166E+05
121	1.008E+05	1.065E+05	1.124E+05
122	9.714E+04	1.026E+05	1.083E+05
123	9.358E+04	9.885E+04	1.044E+05
124	9.017E+04	9.528E+04	1.007E+05
125	8.689E+04	9.185E+04	9.708E+04
126	8.375E+04	8.856E+04	9.364E+04
127	8.074E+04	8.540E+04	9.033E+04
128	7.785E+04	8.237E+04	8.715E+04
129	7.507E+04	7.946E+04	8.410E+04
130	7.240E+04	7.666E+04	8.117E+04
131	6.984E+04	7.397E+04	7.834E+04
132	6.738E+04	7.139E+04	7.563E+04
133	6.502E+04	6.891E+04	7.303E+04
134	6.275E+04	6.653E+04	7.052E+04
135	6.057E+04	6.423E+04	6.812E+04
136	5.847E+04	6.203E+04	6.580E+04
137	5.646E+04	5.991E+04	6.358E+04
138	5.452E+04	5.788E+04	6.144E+04
139	5.266E+04	5.592E+04	5.938E+04
140	5.087E+04	5.404E+04	5.740E+04
141	4.915E+04	5.223E+04	5.549E+04
142	4.750E+04	5.049E+04	5.366E+04
143	4.591E+04	4.882E+04	5.190E+04
144	4.438E+04	4.720E+04	5.020E+04
145	4.291E+04	4.565E+04	4.856E+04
146	4.149E+04	4.416E+04	4.699E+04
147	4.012E+04	4.272E+04	4.547E+04
148	3.881E+04	4.133E+04	4.401E+04
149	3.754E+04	3.999E+04	4.260E+04
150	3.632E+04	3.871E+04	4.124E+04

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B(T1°C/T2°C)	5393 K	B+TOLERANCE (K)	53.93	B-TOLERANCE (K)	53.93

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	3.632E+04	3.871E+04	4.124E+04
151	3.515E+04	3.747E+04	3.993E+04
152	3.402E+04	3.627E+04	3.867E+04
153	3.293E+04	3.512E+04	3.745E+04
154	3.188E+04	3.401E+04	3.628E+04
155	3.087E+04	3.294E+04	3.515E+04
156	2.989E+04	3.191E+04	3.405E+04
157	2.895E+04	3.091E+04	3.300E+04
158	2.804E+04	2.995E+04	3.198E+04
159	2.716E+04	2.902E+04	3.100E+04
160	2.631E+04	2.812E+04	3.005E+04
161	2.550E+04	2.726E+04	2.913E+04
162	2.471E+04	2.642E+04	2.825E+04
163	2.395E+04	2.561E+04	2.739E+04
164	2.321E+04	2.483E+04	2.657E+04
165	2.250E+04	2.408E+04	2.577E+04
166	2.182E+04	2.335E+04	2.500E+04
167	2.115E+04	2.265E+04	2.425E+04
168	2.052E+04	2.197E+04	2.353E+04
169	1.990E+04	2.132E+04	2.284E+04
170	1.930E+04	2.069E+04	2.217E+04
171	1.873E+04	2.008E+04	2.152E+04
172	1.817E+04	1.949E+04	2.089E+04
173	1.764E+04	1.891E+04	2.029E+04
174	1.712E+04	1.836E+04	1.970E+04
175	1.661E+04	1.783E+04	1.913E+04
176	1.613E+04	1.731E+04	1.858E+04
177	1.566E+04	1.682E+04	1.805E+04
178	1.521E+04	1.633E+04	1.754E+04
179	1.477E+04	1.587E+04	1.704E+04
180	1.434E+04	1.541E+04	1.656E+04
181	1.393E+04	1.498E+04	1.610E+04
182	1.354E+04	1.456E+04	1.565E+04
183	1.315E+04	1.415E+04	1.521E+04
184	1.278E+04	1.375E+04	1.479E+04
185	1.242E+04	1.337E+04	1.438E+04
186	1.208E+04	1.300E+04	1.399E+04
187	1.174E+04	1.264E+04	1.360E+04
188	1.141E+04	1.229E+04	1.323E+04
189	1.110E+04	1.195E+04	1.287E+04
190	1.079E+04	1.163E+04	1.252E+04
191	1.050E+04	1.131E+04	1.219E+04
192	1.021E+04	1.100E+04	1.186E+04
193	9.932E+03	1.071E+04	1.154E+04
194	9.663E+03	1.042E+04	1.124E+04
195	9.403E+03	1.014E+04	1.094E+04
196	9.150E+03	9.873E+03	1.065E+04
197	8.905E+03	9.611E+03	1.037E+04
198	8.668E+03	9.357E+03	1.010E+04
199	8.437E+03	9.110E+03	9.835E+03
200	8.214E+03	8.871E+03	9.580E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	8.214E+03	8.871E+03	9.580E+03
201	7.997E+03	8.639E+03	9.331E+03
202	7.786E+03	8.413E+03	9.090E+03
203	7.582E+03	8.194E+03	8.855E+03
204	7.384E+03	7.982E+03	8.628E+03
205	7.192E+03	7.777E+03	8.408E+03
206	7.006E+03	7.577E+03	8.194E+03
207	6.825E+03	7.383E+03	7.986E+03
208	6.650E+03	7.195E+03	7.785E+03
209	6.479E+03	7.013E+03	7.589E+03
210	6.314E+03	6.836E+03	7.399E+03
211	6.154E+03	6.664E+03	7.215E+03
212	5.998E+03	6.497E+03	7.035E+03
213	5.847E+03	6.334E+03	6.861E+03
214	5.701E+03	6.177E+03	6.692E+03
215	5.559E+03	6.024E+03	6.528E+03
216	5.420E+03	5.876E+03	6.369E+03
217	5.286E+03	5.731E+03	6.214E+03
218	5.156E+03	5.591E+03	6.063E+03
219	5.029E+03	5.455E+03	5.917E+03
220	4.906E+03	5.323E+03	5.775E+03
221	4.786E+03	5.194E+03	5.636E+03
222	4.670E+03	5.069E+03	5.502E+03
223	4.557E+03	4.948E+03	5.371E+03
224	4.448E+03	4.830E+03	5.244E+03
225	4.341E+03	4.715E+03	5.121E+03
226	4.237E+03	4.604E+03	5.001E+03
227	4.137E+03	4.495E+03	4.884E+03
228	4.039E+03	4.390E+03	4.770E+03
229	3.943E+03	4.287E+03	4.660E+03
230	3.851E+03	4.187E+03	4.552E+03
231	3.761E+03	4.090E+03	4.448E+03
232	3.673E+03	3.996E+03	4.346E+03
233	3.588E+03	3.904E+03	4.248E+03
234	3.505E+03	3.815E+03	4.151E+03
235	3.425E+03	3.728E+03	4.057E+03
236	3.346E+03	3.643E+03	3.966E+03
237	3.270E+03	3.561E+03	3.877E+03
238	3.195E+03	3.480E+03	3.790E+03
239	3.123E+03	3.402E+03	3.706E+03
240	3.052E+03	3.326E+03	3.624E+03
241	2.983E+03	3.252E+03	3.543E+03
242	2.916E+03	3.179E+03	3.465E+03
243	2.851E+03	3.109E+03	3.389E+03
244	2.788E+03	3.040E+03	3.315E+03
245	2.726E+03	2.973E+03	3.242E+03
246	2.665E+03	2.908E+03	3.172E+03
247	2.606E+03	2.844E+03	3.103E+03
248	2.549E+03	2.782E+03	3.036E+03
249	2.493E+03	2.722E+03	2.971E+03
250	2.439E+03	2.663E+03	2.907E+03

