

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-7C993H*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	98630 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B (T1°C/T2°C)	4036 K	B+TOLERANCE (K)	121.08	B-TOLERANCE (K)	121.08

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	3.253E+04	3.461E+04	3.679E+04
51	3.126E+04	3.329E+04	3.543E+04
52	3.004E+04	3.203E+04	3.412E+04
53	2.887E+04	3.082E+04	3.287E+04
54	2.776E+04	2.967E+04	3.168E+04
55	2.670E+04	2.856E+04	3.053E+04
56	2.568E+04	2.750E+04	2.943E+04
57	2.470E+04	2.649E+04	2.838E+04
58	2.377E+04	2.552E+04	2.737E+04
59	2.288E+04	2.459E+04	2.640E+04
60	2.203E+04	2.370E+04	2.547E+04
61	2.121E+04	2.284E+04	2.458E+04
62	2.042E+04	2.202E+04	2.372E+04
63	1.967E+04	2.124E+04	2.290E+04
64	1.896E+04	2.048E+04	2.211E+04
65	1.827E+04	1.976E+04	2.135E+04
66	1.761E+04	1.906E+04	2.062E+04
67	1.697E+04	1.840E+04	1.992E+04
68	1.636E+04	1.776E+04	1.925E+04
69	1.578E+04	1.714E+04	1.860E+04
70	1.522E+04	1.655E+04	1.798E+04
71	1.469E+04	1.598E+04	1.738E+04
72	1.417E+04	1.544E+04	1.681E+04
73	1.368E+04	1.492E+04	1.625E+04
74	1.320E+04	1.441E+04	1.572E+04
75	1.275E+04	1.393E+04	1.521E+04
76	1.231E+04	1.346E+04	1.472E+04
77	1.189E+04	1.302E+04	1.424E+04
78	1.148E+04	1.259E+04	1.378E+04
79	1.109E+04	1.217E+04	1.334E+04
80	1.072E+04	1.177E+04	1.292E+04
81	1.036E+04	1.139E+04	1.251E+04
82	1.002E+04	1.102E+04	1.212E+04
83	9.685E+03	1.067E+04	1.174E+04
84	9.366E+03	1.033E+04	1.137E+04
85	9.059E+03	9.996E+03	1.102E+04
86	8.763E+03	9.679E+03	1.068E+04
87	8.479E+03	9.374E+03	1.035E+04
88	8.205E+03	9.079E+03	1.004E+04
89	7.941E+03	8.795E+03	9.733E+03
90	7.687E+03	8.522E+03	9.439E+03
91	7.442E+03	8.258E+03	9.155E+03
92	7.206E+03	8.003E+03	8.881E+03
93	6.979E+03	7.758E+03	8.617E+03
94	6.759E+03	7.521E+03	8.361E+03
95	6.548E+03	7.293E+03	8.114E+03
96	6.345E+03	7.072E+03	7.876E+03
97	6.148E+03	6.859E+03	7.646E+03
98	5.959E+03	6.654E+03	7.424E+03
99	5.776E+03	6.456E+03	7.209E+03
100	5.600E+03	6.264E+03	7.001E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	5.600E+03	6.264E+03	7.001E+03
101	5.430E+03	6.079E+03	6.800E+03
102	5.266E+03	5.900E+03	6.606E+03
103	5.107E+03	5.728E+03	6.418E+03
104	4.954E+03	5.561E+03	6.236E+03
105	4.806E+03	5.400E+03	6.061E+03
106	4.664E+03	5.244E+03	5.891E+03
107	4.526E+03	5.093E+03	5.726E+03
108	4.393E+03	4.948E+03	5.568E+03
109	4.265E+03	4.807E+03	5.414E+03
110	4.141E+03	4.671E+03	5.265E+03
111	4.021E+03	4.540E+03	5.121E+03
112	3.905E+03	4.413E+03	4.982E+03
113	3.793E+03	4.289E+03	4.847E+03
114	3.685E+03	4.170E+03	4.716E+03
115	3.580E+03	4.055E+03	4.589E+03
116	3.479E+03	3.944E+03	4.467E+03
117	3.381E+03	3.836E+03	4.348E+03
118	3.286E+03	3.732E+03	4.233E+03
119	3.195E+03	3.630E+03	4.122E+03
120	3.106E+03	3.533E+03	4.014E+03
121	3.021E+03	3.438E+03	3.909E+03
122	2.938E+03	3.346E+03	3.808E+03
123	2.858E+03	3.257E+03	3.710E+03
124	2.780E+03	3.171E+03	3.614E+03
125	2.705E+03	3.088E+03	3.522E+03
126	2.632E+03	3.007E+03	3.432E+03
127	2.561E+03	2.928E+03	3.345E+03
128	2.493E+03	2.852E+03	3.261E+03
129	2.426E+03	2.779E+03	3.179E+03
130	2.362E+03	2.707E+03	3.099E+03
131	2.300E+03	2.638E+03	3.022E+03
132	2.239E+03	2.570E+03	2.947E+03
133	2.181E+03	2.505E+03	2.874E+03
134	2.124E+03	2.441E+03	2.803E+03
135	2.069E+03	2.380E+03	2.735E+03
136	2.016E+03	2.320E+03	2.668E+03
137	1.964E+03	2.262E+03	2.603E+03
138	1.914E+03	2.206E+03	2.541E+03
139	1.865E+03	2.152E+03	2.480E+03
140	1.818E+03	2.099E+03	2.420E+03
141	1.772E+03	2.047E+03	2.363E+03
142	1.728E+03	1.997E+03	2.307E+03
143	1.685E+03	1.949E+03	2.252E+03
144	1.643E+03	1.902E+03	2.200E+03
145	1.602E+03	1.856E+03	2.148E+03
146	1.563E+03	1.812E+03	2.098E+03
147	1.525E+03	1.769E+03	2.050E+03
148	1.487E+03	1.727E+03	2.002E+03
149	1.451E+03	1.686E+03	1.956E+03
150	1.416E+03	1.646E+03	1.912E+03

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B(T1°C/T2°C)	4036 K	B+TOLERANCE (K)	121.08	B-TOLERANCE (K)	121.08

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	1.416E+03	1.646E+03	1.912E+03
151	1.382E+03	1.607E+03	1.868E+03
152	1.349E+03	1.570E+03	1.826E+03
153	1.317E+03	1.533E+03	1.784E+03
154	1.285E+03	1.498E+03	1.744E+03
155	1.255E+03	1.463E+03	1.705E+03
156	1.225E+03	1.430E+03	1.667E+03
157	1.196E+03	1.397E+03	1.630E+03
158	1.168E+03	1.365E+03	1.594E+03
159	1.141E+03	1.334E+03	1.559E+03
160	1.115E+03	1.304E+03	1.525E+03
161	1.089E+03	1.275E+03	1.492E+03
162	1.064E+03	1.247E+03	1.459E+03
163	1.040E+03	1.219E+03	1.428E+03
164	1.016E+03	1.192E+03	1.397E+03
165	9.933E+02	1.166E+03	1.367E+03
166	9.709E+02	1.140E+03	1.338E+03
167	9.491E+02	1.115E+03	1.310E+03
168	9.279E+02	1.091E+03	1.282E+03
169	9.072E+02	1.068E+03	1.255E+03
170	8.871E+02	1.045E+03	1.229E+03
171	8.675E+02	1.022E+03	1.203E+03
172	8.484E+02	1.000E+03	1.178E+03
173	8.298E+02	9.788E+02	1.154E+03
174	8.117E+02	9.580E+02	1.130E+03
175	7.940E+02	9.377E+02	1.107E+03
176	7.768E+02	9.180E+02	1.084E+03
177	7.601E+02	8.988E+02	1.062E+03
178	7.438E+02	8.800E+02	1.040E+03
179	7.279E+02	8.618E+02	1.019E+03
180	7.125E+02	8.439E+02	9.988E+02
181	6.974E+02	8.266E+02	9.789E+02
182	6.828E+02	8.097E+02	9.594E+02
183	6.685E+02	7.932E+02	9.404E+02
184	6.545E+02	7.771E+02	9.219E+02
185	6.409E+02	7.614E+02	9.038E+02
186	6.277E+02	7.461E+02	8.861E+02
187	6.147E+02	7.312E+02	8.688E+02
188	6.021E+02	7.166E+02	8.520E+02
189	5.898E+02	7.023E+02	8.355E+02
190	5.778E+02	6.884E+02	8.194E+02
191	5.661E+02	6.748E+02	8.037E+02
192	5.546E+02	6.616E+02	7.884E+02
193	5.435E+02	6.486E+02	7.734E+02
194	5.326E+02	6.360E+02	7.587E+02
195	5.220E+02	6.236E+02	7.444E+02
196	5.116E+02	6.115E+02	7.304E+02
197	5.014E+02	5.997E+02	7.167E+02
198	4.915E+02	5.882E+02	7.033E+02
199	4.819E+02	5.770E+02	6.902E+02
200	4.724E+02	5.660E+02	6.774E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	4.724E+02	5.660E+02	6.774E+02
201	4.632E+02	5.552E+02	6.649E+02
202	4.542E+02	5.447E+02	6.527E+02
203	4.454E+02	5.344E+02	6.407E+02
204	4.368E+02	5.244E+02	6.290E+02
205	4.284E+02	5.146E+02	6.175E+02
206	4.202E+02	5.050E+02	6.064E+02
207	4.122E+02	4.956E+02	5.954E+02
208	4.043E+02	4.865E+02	5.848E+02
209	3.967E+02	4.775E+02	5.743E+02
210	3.892E+02	4.688E+02	5.641E+02
211	3.820E+02	4.603E+02	5.541E+02
212	3.749E+02	4.520E+02	5.444E+02
213	3.679E+02	4.438E+02	5.349E+02
214	3.611E+02	4.359E+02	5.255E+02
215	3.545E+02	4.281E+02	5.164E+02
216	3.480E+02	4.204E+02	5.075E+02
217	3.417E+02	4.130E+02	4.987E+02
218	3.355E+02	4.057E+02	4.901E+02
219	3.294E+02	3.985E+02	4.817E+02
220	3.234E+02	3.915E+02	4.735E+02
221	3.176E+02	3.847E+02	4.655E+02
222	3.119E+02	3.780E+02	4.576E+02
223	3.064E+02	3.714E+02	4.499E+02
224	3.009E+02	3.650E+02	4.423E+02
225	2.956E+02	3.587E+02	4.349E+02
226	2.904E+02	3.526E+02	4.276E+02
227	2.853E+02	3.465E+02	4.205E+02
228	2.803E+02	3.406E+02	4.136E+02
229	2.754E+02	3.348E+02	4.067E+02
230	2.706E+02	3.292E+02	4.000E+02
231	2.659E+02	3.236E+02	3.935E+02
232	2.613E+02	3.182E+02	3.871E+02
233	2.568E+02	3.129E+02	3.808E+02
234	2.524E+02	3.076E+02	3.746E+02
235	2.481E+02	3.025E+02	3.686E+02
236	2.439E+02	2.975E+02	3.626E+02
237	2.398E+02	2.926E+02	3.568E+02
238	2.357E+02	2.878E+02	3.511E+02
239	2.317E+02	2.831E+02	3.455E+02
240	2.279E+02	2.785E+02	3.400E+02
241	2.240E+02	2.739E+02	3.347E+02
242	2.203E+02	2.695E+02	3.294E+02
243	2.167E+02	2.652E+02	3.242E+02
244	2.131E+02	2.609E+02	3.191E+02
245	2.096E+02	2.567E+02	3.142E+02
246	2.061E+02	2.526E+02	3.093E+02
247	2.028E+02	2.486E+02	3.045E+02
248	1.994E+02	2.446E+02	2.998E+02
249	1.962E+02	2.408E+02	2.952E+02
250	1.930E+02	2.370E+02	2.907E+02

