

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-7B104F*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	100000 Ω	R+TOLERANCE (%)	1	R-TOLERANCE (%)	1
B (T1°C/T2°C)	4828 K	B+TOLERANCE (K)	48.28	B-TOLERANCE (K)	48.28

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	2.793E+04	2.857E+04	2.922E+04
51	2.666E+04	2.728E+04	2.791E+04
52	2.545E+04	2.605E+04	2.667E+04
53	2.430E+04	2.489E+04	2.549E+04
54	2.321E+04	2.378E+04	2.437E+04
55	2.217E+04	2.273E+04	2.330E+04
56	2.119E+04	2.173E+04	2.229E+04
57	2.026E+04	2.078E+04	2.132E+04
58	1.937E+04	1.988E+04	2.041E+04
59	1.852E+04	1.902E+04	1.954E+04
60	1.772E+04	1.821E+04	1.871E+04
61	1.696E+04	1.743E+04	1.792E+04
62	1.623E+04	1.669E+04	1.716E+04
63	1.554E+04	1.599E+04	1.645E+04
64	1.488E+04	1.532E+04	1.576E+04
65	1.426E+04	1.468E+04	1.511E+04
66	1.366E+04	1.407E+04	1.449E+04
67	1.309E+04	1.349E+04	1.390E+04
68	1.255E+04	1.294E+04	1.334E+04
69	1.203E+04	1.241E+04	1.280E+04
70	1.154E+04	1.191E+04	1.229E+04
71	1.107E+04	1.143E+04	1.180E+04
72	1.062E+04	1.097E+04	1.133E+04
73	1.020E+04	1.053E+04	1.088E+04
74	9.789E+03	1.012E+04	1.045E+04
75	9.400E+03	9.718E+03	1.005E+04
76	9.028E+03	9.338E+03	9.657E+03
77	8.673E+03	8.974E+03	9.284E+03
78	8.334E+03	8.626E+03	8.928E+03
79	8.010E+03	8.294E+03	8.587E+03
80	7.700E+03	7.976E+03	8.261E+03
81	7.403E+03	7.672E+03	7.949E+03
82	7.119E+03	7.381E+03	7.651E+03
83	6.848E+03	7.102E+03	7.365E+03
84	6.589E+03	6.836E+03	7.091E+03
85	6.341E+03	6.581E+03	6.829E+03
86	6.103E+03	6.337E+03	6.578E+03
87	5.876E+03	6.103E+03	6.338E+03
88	5.658E+03	5.879E+03	6.108E+03
89	5.449E+03	5.664E+03	5.887E+03
90	5.249E+03	5.458E+03	5.675E+03
91	5.058E+03	5.261E+03	5.472E+03
92	4.875E+03	5.072E+03	5.278E+03
93	4.699E+03	4.891E+03	5.091E+03
94	4.530E+03	4.717E+03	4.912E+03
95	4.369E+03	4.551E+03	4.740E+03
96	4.214E+03	4.391E+03	4.575E+03
97	4.065E+03	4.237E+03	4.417E+03
98	3.922E+03	4.090E+03	4.265E+03
99	3.785E+03	3.949E+03	4.119E+03
100	3.654E+03	3.813E+03	3.978E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	3.654E+03	3.813E+03	3.978E+03
101	3.527E+03	3.682E+03	3.843E+03
102	3.406E+03	3.557E+03	3.714E+03
103	3.290E+03	3.437E+03	3.589E+03
104	3.178E+03	3.321E+03	3.470E+03
105	3.071E+03	3.210E+03	3.355E+03
106	2.967E+03	3.103E+03	3.244E+03
107	2.868E+03	3.000E+03	3.138E+03
108	2.773E+03	2.901E+03	3.035E+03
109	2.681E+03	2.806E+03	2.937E+03
110	2.593E+03	2.715E+03	2.842E+03
111	2.508E+03	2.627E+03	2.751E+03
112	2.426E+03	2.542E+03	2.663E+03
113	2.347E+03	2.460E+03	2.578E+03
114	2.272E+03	2.382E+03	2.497E+03
115	2.199E+03	2.306E+03	2.418E+03
116	2.129E+03	2.233E+03	2.343E+03
117	2.061E+03	2.163E+03	2.270E+03
118	1.996E+03	2.096E+03	2.200E+03
119	1.934E+03	2.031E+03	2.132E+03
120	1.873E+03	1.968E+03	2.067E+03
121	1.815E+03	1.907E+03	2.004E+03
122	1.759E+03	1.849E+03	1.943E+03
123	1.705E+03	1.793E+03	1.885E+03
124	1.653E+03	1.739E+03	1.828E+03
125	1.603E+03	1.686E+03	1.774E+03
126	1.554E+03	1.636E+03	1.721E+03
127	1.508E+03	1.587E+03	1.670E+03
128	1.462E+03	1.540E+03	1.621E+03
129	1.419E+03	1.494E+03	1.574E+03
130	1.377E+03	1.451E+03	1.528E+03
131	1.336E+03	1.408E+03	1.484E+03
132	1.297E+03	1.367E+03	1.441E+03
133	1.259E+03	1.328E+03	1.400E+03
134	1.222E+03	1.289E+03	1.360E+03
135	1.187E+03	1.252E+03	1.321E+03
136	1.153E+03	1.217E+03	1.284E+03
137	1.120E+03	1.182E+03	1.248E+03
138	1.088E+03	1.149E+03	1.213E+03
139	1.057E+03	1.117E+03	1.179E+03
140	1.027E+03	1.085E+03	1.147E+03
141	9.984E+02	1.055E+03	1.115E+03
142	9.706E+02	1.026E+03	1.085E+03
143	9.437E+02	9.980E+02	1.055E+03
144	9.176E+02	9.707E+02	1.027E+03
145	8.924E+02	9.443E+02	9.991E+02
146	8.680E+02	9.187E+02	9.723E+02
147	8.444E+02	8.940E+02	9.464E+02
148	8.215E+02	8.700E+02	9.213E+02
149	7.994E+02	8.468E+02	8.969E+02
150	7.779E+02	8.243E+02	8.733E+02

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B(T1°C/T2°C)	4828 K	B+TOLERANCE (K)	48.28	B-TOLERANCE (K)	48.28

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	7.779E+02	8.243E+02	8.733E+02
151	7.572E+02	8.025E+02	8.505E+02
152	7.371E+02	7.814E+02	8.283E+02
153	7.176E+02	7.610E+02	8.069E+02
154	6.987E+02	7.411E+02	7.861E+02
155	6.804E+02	7.219E+02	7.659E+02
156	6.627E+02	7.033E+02	7.463E+02
157	6.455E+02	6.852E+02	7.273E+02
158	6.288E+02	6.677E+02	7.089E+02
159	6.126E+02	6.507E+02	6.911E+02
160	5.970E+02	6.342E+02	6.737E+02
161	5.818E+02	6.182E+02	6.569E+02
162	5.670E+02	6.027E+02	6.406E+02
163	5.527E+02	5.877E+02	6.247E+02
164	5.389E+02	5.731E+02	6.094E+02
165	5.254E+02	5.589E+02	5.944E+02
166	5.123E+02	5.451E+02	5.799E+02
167	4.996E+02	5.317E+02	5.659E+02
168	4.873E+02	5.188E+02	5.522E+02
169	4.754E+02	5.062E+02	5.389E+02
170	4.638E+02	4.939E+02	5.260E+02
171	4.525E+02	4.820E+02	5.135E+02
172	4.415E+02	4.705E+02	5.013E+02
173	4.309E+02	4.593E+02	4.895E+02
174	4.206E+02	4.484E+02	4.780E+02
175	4.105E+02	4.378E+02	4.668E+02
176	4.008E+02	4.275E+02	4.559E+02
177	3.913E+02	4.175E+02	4.453E+02
178	3.821E+02	4.077E+02	4.350E+02
179	3.731E+02	3.983E+02	4.250E+02
180	3.644E+02	3.891E+02	4.153E+02
181	3.559E+02	3.801E+02	4.059E+02
182	3.477E+02	3.714E+02	3.967E+02
183	3.397E+02	3.629E+02	3.877E+02
184	3.319E+02	3.547E+02	3.790E+02
185	3.243E+02	3.467E+02	3.705E+02
186	3.170E+02	3.389E+02	3.623E+02
187	3.098E+02	3.313E+02	3.542E+02
188	3.028E+02	3.239E+02	3.464E+02
189	2.960E+02	3.167E+02	3.388E+02
190	2.894E+02	3.097E+02	3.314E+02
191	2.830E+02	3.029E+02	3.242E+02
192	2.767E+02	2.963E+02	3.171E+02
193	2.706E+02	2.898E+02	3.103E+02
194	2.647E+02	2.835E+02	3.036E+02
195	2.589E+02	2.774E+02	2.971E+02
196	2.533E+02	2.714E+02	2.908E+02
197	2.478E+02	2.656E+02	2.846E+02
198	2.425E+02	2.599E+02	2.786E+02
199	2.373E+02	2.544E+02	2.727E+02
200	2.322E+02	2.490E+02	2.670E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	2.322E+02	2.490E+02	2.670E+02
201	2.272E+02	2.438E+02	2.615E+02
202	2.224E+02	2.386E+02	2.560E+02
203	2.177E+02	2.337E+02	2.507E+02
204	2.132E+02	2.288E+02	2.456E+02
205	2.087E+02	2.241E+02	2.405E+02
206	2.044E+02	2.194E+02	2.356E+02
207	2.001E+02	2.149E+02	2.308E+02
208	1.960E+02	2.105E+02	2.262E+02
209	1.920E+02	2.063E+02	2.216E+02
210	1.880E+02	2.021E+02	2.172E+02
211	1.842E+02	1.980E+02	2.128E+02
212	1.805E+02	1.940E+02	2.086E+02
213	1.768E+02	1.901E+02	2.044E+02
214	1.732E+02	1.863E+02	2.004E+02
215	1.698E+02	1.826E+02	1.965E+02
216	1.664E+02	1.790E+02	1.926E+02
217	1.631E+02	1.755E+02	1.889E+02
218	1.598E+02	1.721E+02	1.852E+02
219	1.567E+02	1.687E+02	1.816E+02
220	1.536E+02	1.654E+02	1.781E+02
221	1.506E+02	1.622E+02	1.747E+02
222	1.477E+02	1.591E+02	1.714E+02
223	1.448E+02	1.560E+02	1.681E+02
224	1.420E+02	1.531E+02	1.649E+02
225	1.393E+02	1.501E+02	1.618E+02
226	1.366E+02	1.473E+02	1.588E+02
227	1.340E+02	1.445E+02	1.558E+02
228	1.315E+02	1.418E+02	1.529E+02
229	1.290E+02	1.391E+02	1.501E+02
230	1.265E+02	1.365E+02	1.473E+02
231	1.242E+02	1.340E+02	1.446E+02
232	1.219E+02	1.315E+02	1.420E+02
233	1.196E+02	1.291E+02	1.394E+02
234	1.174E+02	1.267E+02	1.368E+02
235	1.152E+02	1.244E+02	1.344E+02
236	1.131E+02	1.222E+02	1.319E+02
237	1.110E+02	1.199E+02	1.296E+02
238	1.090E+02	1.178E+02	1.273E+02
239	1.070E+02	1.157E+02	1.250E+02
240	1.051E+02	1.136E+02	1.228E+02
241	1.032E+02	1.116E+02	1.206E+02
242	1.013E+02	1.096E+02	1.185E+02
243	9.951E+01	1.076E+02	1.164E+02
244	9.774E+01	1.057E+02	1.144E+02
245	9.600E+01	1.039E+02	1.124E+02
246	9.431E+01	1.021E+02	1.104E+02
247	9.265E+01	1.003E+02	1.085E+02
248	9.102E+01	9.854E+01	1.067E+02
249	8.943E+01	9.684E+01	1.048E+02
250	8.788E+01	9.517E+01	1.031E+02

