

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-7D234H*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	231400 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	4207 K	B+TOLERANCE (K)	126.21	B-TOLERANCE (K)	126.21

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	8.244E+06	9.564E+06	1.108E+07
-39	7.707E+06	8.920E+06	1.031E+07
-38	7.208E+06	8.323E+06	9.602E+06
-37	6.744E+06	7.770E+06	8.944E+06
-36	6.313E+06	7.257E+06	8.335E+06
-35	5.912E+06	6.781E+06	7.771E+06
-34	5.539E+06	6.339E+06	7.248E+06
-33	5.192E+06	5.929E+06	6.764E+06
-32	4.869E+06	5.548E+06	6.315E+06
-31	4.567E+06	5.193E+06	5.899E+06
-30	4.287E+06	4.863E+06	5.512E+06
-29	4.025E+06	4.556E+06	5.153E+06
-28	3.780E+06	4.270E+06	4.820E+06
-27	3.552E+06	4.004E+06	4.510E+06
-26	3.339E+06	3.756E+06	4.222E+06
-25	3.140E+06	3.525E+06	3.954E+06
-24	2.954E+06	3.310E+06	3.705E+06
-23	2.780E+06	3.109E+06	3.473E+06
-22	2.618E+06	2.921E+06	3.257E+06
-21	2.466E+06	2.746E+06	3.055E+06
-20	2.323E+06	2.582E+06	2.868E+06
-19	2.190E+06	2.429E+06	2.693E+06
-18	2.065E+06	2.286E+06	2.529E+06
-17	1.948E+06	2.153E+06	2.377E+06
-16	1.838E+06	2.028E+06	2.234E+06
-15	1.735E+06	1.910E+06	2.101E+06
-14	1.639E+06	1.801E+06	1.977E+06
-13	1.548E+06	1.698E+06	1.860E+06
-12	1.463E+06	1.601E+06	1.751E+06
-11	1.383E+06	1.511E+06	1.650E+06
-10	1.308E+06	1.426E+06	1.554E+06
-9	1.237E+06	1.347E+06	1.465E+06
-8	1.171E+06	1.272E+06	1.381E+06
-7	1.108E+06	1.202E+06	1.303E+06
-6	1.049E+06	1.136E+06	1.229E+06
-5	9.940E+05	1.074E+06	1.160E+06
-4	9.418E+05	1.016E+06	1.096E+06
-3	8.927E+05	9.616E+05	1.035E+06
-2	8.464E+05	9.101E+05	9.778E+05
-1	8.027E+05	8.617E+05	9.242E+05
0	7.616E+05	8.161E+05	8.738E+05

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	7.616E+05	8.161E+05	8.738E+05
1	7.228E+05	7.733E+05	8.265E+05
2	6.862E+05	7.329E+05	7.820E+05
3	6.516E+05	6.948E+05	7.402E+05
4	6.190E+05	6.589E+05	7.008E+05
5	5.881E+05	6.250E+05	6.637E+05
6	5.590E+05	5.931E+05	6.287E+05
7	5.314E+05	5.630E+05	5.958E+05
8	5.054E+05	5.345E+05	5.648E+05
9	4.807E+05	5.076E+05	5.356E+05
10	4.574E+05	4.823E+05	5.080E+05
11	4.354E+05	4.583E+05	4.820E+05
12	4.145E+05	4.356E+05	4.574E+05
13	3.947E+05	4.142E+05	4.343E+05
14	3.760E+05	3.940E+05	4.124E+05
15	3.583E+05	3.748E+05	3.918E+05
16	3.415E+05	3.567E+05	3.723E+05
17	3.256E+05	3.396E+05	3.539E+05
18	3.105E+05	3.234E+05	3.365E+05
19	2.962E+05	3.080E+05	3.200E+05
20	2.826E+05	2.935E+05	3.045E+05
21	2.697E+05	2.797E+05	2.897E+05
22	2.575E+05	2.666E+05	2.758E+05
23	2.459E+05	2.543E+05	2.626E+05
24	2.349E+05	2.425E+05	2.502E+05
25	2.245E+05	2.314E+05	2.383E+05
26	2.139E+05	2.208E+05	2.278E+05
27	2.039E+05	2.108E+05	2.178E+05
28	1.944E+05	2.013E+05	2.082E+05
29	1.855E+05	1.923E+05	1.992E+05
30	1.769E+05	1.837E+05	1.905E+05
31	1.689E+05	1.755E+05	1.823E+05
32	1.612E+05	1.678E+05	1.745E+05
33	1.539E+05	1.604E+05	1.671E+05
34	1.470E+05	1.534E+05	1.600E+05
35	1.404E+05	1.468E+05	1.533E+05
36	1.342E+05	1.404E+05	1.469E+05
37	1.283E+05	1.344E+05	1.407E+05
38	1.226E+05	1.287E+05	1.349E+05
39	1.173E+05	1.232E+05	1.293E+05
40	1.122E+05	1.180E+05	1.240E+05
41	1.073E+05	1.131E+05	1.190E+05
42	1.027E+05	1.083E+05	1.142E+05
43	9.833E+04	1.038E+05	1.096E+05
44	9.415E+04	9.955E+04	1.052E+05
45	9.017E+04	9.546E+04	1.010E+05
46	8.638E+04	9.157E+04	9.698E+04
47	8.277E+04	8.784E+04	9.315E+04
48	7.932E+04	8.430E+04	8.950E+04
49	7.604E+04	8.091E+04	8.601E+04
50	7.292E+04	7.767E+04	8.267E+04

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	GR15-7D234H*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	231400 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B (T1°C/T2°C)	4207 K	B+TOLERANCE (K)	126.21	B-TOLERANCE (K)	126.21

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	7.292E+04	7.767E+04	8.267E+04
51	6.993E+04	7.459E+04	7.948E+04
52	6.709E+04	7.164E+04	7.643E+04
53	6.438E+04	6.882E+04	7.351E+04
54	6.179E+04	6.613E+04	7.072E+04
55	5.931E+04	6.356E+04	6.805E+04
56	5.695E+04	6.110E+04	6.549E+04
57	5.470E+04	5.875E+04	6.305E+04
58	5.254E+04	5.650E+04	6.070E+04
59	5.048E+04	5.435E+04	5.846E+04
60	4.852E+04	5.229E+04	5.631E+04
61	4.664E+04	5.032E+04	5.425E+04
62	4.484E+04	4.844E+04	5.228E+04
63	4.312E+04	4.663E+04	5.038E+04
64	4.147E+04	4.490E+04	4.857E+04
65	3.990E+04	4.325E+04	4.683E+04
66	3.839E+04	4.166E+04	4.516E+04
67	3.695E+04	4.014E+04	4.356E+04
68	3.557E+04	3.868E+04	4.202E+04
69	3.425E+04	3.728E+04	4.055E+04
70	3.298E+04	3.594E+04	3.913E+04
71	3.177E+04	3.465E+04	3.777E+04
72	3.060E+04	3.342E+04	3.647E+04
73	2.949E+04	3.224E+04	3.521E+04
74	2.842E+04	3.110E+04	3.401E+04
75	2.739E+04	3.001E+04	3.285E+04
76	2.641E+04	2.896E+04	3.173E+04
77	2.547E+04	2.796E+04	3.066E+04
78	2.456E+04	2.699E+04	2.963E+04
79	2.369E+04	2.606E+04	2.865E+04
80	2.286E+04	2.517E+04	2.769E+04
81	2.206E+04	2.431E+04	2.678E+04
82	2.129E+04	2.349E+04	2.590E+04
83	2.055E+04	2.270E+04	2.505E+04
84	1.984E+04	2.194E+04	2.423E+04
85	1.916E+04	2.120E+04	2.344E+04
86	1.850E+04	2.050E+04	2.269E+04
87	1.787E+04	1.982E+04	2.196E+04
88	1.727E+04	1.917E+04	2.126E+04
89	1.669E+04	1.854E+04	2.058E+04
90	1.613E+04	1.793E+04	1.993E+04
91	1.559E+04	1.735E+04	1.930E+04
92	1.507E+04	1.679E+04	1.869E+04
93	1.457E+04	1.625E+04	1.811E+04
94	1.409E+04	1.573E+04	1.754E+04
95	1.363E+04	1.523E+04	1.700E+04
96	1.318E+04	1.475E+04	1.648E+04
97	1.276E+04	1.428E+04	1.597E+04
98	1.234E+04	1.383E+04	1.548E+04
99	1.195E+04	1.340E+04	1.501E+04
100	1.157E+04	1.298E+04	1.456E+04

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	1.157E+04	1.298E+04	1.456E+04
101	1.120E+04	1.258E+04	1.412E+04
102	1.084E+04	1.219E+04	1.370E+04
103	1.050E+04	1.182E+04	1.329E+04
104	1.017E+04	1.146E+04	1.290E+04
105	9.854E+03	1.111E+04	1.252E+04
106	9.548E+03	1.077E+04	1.215E+04
107	9.252E+03	1.045E+04	1.179E+04
108	8.967E+03	1.014E+04	1.145E+04
109	8.692E+03	9.835E+03	1.112E+04
110	8.427E+03	9.543E+03	1.080E+04
111	8.171E+03	9.261E+03	1.049E+04
112	7.923E+03	8.988E+03	1.019E+04
113	7.685E+03	8.725E+03	9.897E+03
114	7.454E+03	8.470E+03	9.616E+03
115	7.232E+03	8.224E+03	9.344E+03
116	7.017E+03	7.986E+03	9.082E+03
117	6.809E+03	7.756E+03	8.828E+03
118	6.608E+03	7.534E+03	8.582E+03
119	6.414E+03	7.319E+03	8.343E+03
120	6.227E+03	7.111E+03	8.113E+03
121	6.046E+03	6.910E+03	7.890E+03
122	5.871E+03	6.715E+03	7.674E+03
123	5.701E+03	6.526E+03	7.464E+03
124	5.537E+03	6.344E+03	7.262E+03
125	5.379E+03	6.168E+03	7.065E+03
126	5.226E+03	5.997E+03	6.875E+03
127	5.078E+03	5.831E+03	6.691E+03
128	4.934E+03	5.671E+03	6.512E+03
129	4.796E+03	5.516E+03	6.339E+03
130	4.661E+03	5.366E+03	6.171E+03
131	4.531E+03	5.220E+03	6.008E+03
132	4.405E+03	5.079E+03	5.850E+03
133	4.283E+03	4.942E+03	5.697E+03
134	4.165E+03	4.810E+03	5.548E+03
135	4.051E+03	4.681E+03	5.404E+03
136	3.941E+03	4.557E+03	5.265E+03
137	3.833E+03	4.436E+03	5.129E+03
138	3.730E+03	4.319E+03	4.998E+03
139	3.629E+03	4.206E+03	4.871E+03
140	3.532E+03	4.096E+03	4.747E+03
141	3.438E+03	3.990E+03	4.627E+03
142	3.346E+03	3.887E+03	4.511E+03
143	3.258E+03	3.787E+03	4.398E+03
144	3.172E+03	3.690E+03	4.288E+03
145	3.089E+03	3.595E+03	4.182E+03
146	3.008E+03	3.504E+03	4.078E+03
147	2.930E+03	3.415E+03	3.978E+03
148	2.854E+03	3.329E+03	3.880E+03
149	2.780E+03	3.246E+03	3.786E+03
150	2.709E+03	3.165E+03	3.694E+03

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TYPE	GR15-7D234H*
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	231400 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	4207 K	B+TOLERANCE (K)	126.21	B-TOLERANCE (K)	126.21

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
150	2.709E+03	3.165E+03	3.694E+03
151	2.640E+03	3.086E+03	3.605E+03
152	2.573E+03	3.010E+03	3.518E+03
153	2.507E+03	2.935E+03	3.433E+03
154	2.444E+03	2.863E+03	3.352E+03
155	2.383E+03	2.793E+03	3.272E+03
156	2.323E+03	2.726E+03	3.195E+03
157	2.265E+03	2.660E+03	3.119E+03
158	2.209E+03	2.595E+03	3.046E+03
159	2.155E+03	2.533E+03	2.975E+03
160	2.102E+03	2.473E+03	2.906E+03
161	2.051E+03	2.414E+03	2.839E+03
162	2.001E+03	2.357E+03	2.773E+03
163	1.952E+03	2.301E+03	2.710E+03
164	1.905E+03	2.247E+03	2.648E+03
165	1.859E+03	2.194E+03	2.588E+03
166	1.815E+03	2.143E+03	2.529E+03
167	1.772E+03	2.094E+03	2.472E+03
168	1.730E+03	2.045E+03	2.417E+03
169	1.689E+03	1.998E+03	2.363E+03
170	1.649E+03	1.953E+03	2.310E+03
171	1.611E+03	1.908E+03	2.259E+03
172	1.573E+03	1.865E+03	2.209E+03
173	1.537E+03	1.823E+03	2.161E+03
174	1.501E+03	1.782E+03	2.114E+03
175	1.467E+03	1.742E+03	2.068E+03
176	1.433E+03	1.703E+03	2.023E+03
177	1.400E+03	1.666E+03	1.979E+03
178	1.369E+03	1.629E+03	1.937E+03
179	1.338E+03	1.593E+03	1.895E+03
180	1.307E+03	1.558E+03	1.855E+03
181	1.278E+03	1.524E+03	1.815E+03
182	1.249E+03	1.491E+03	1.777E+03
183	1.222E+03	1.458E+03	1.739E+03
184	1.195E+03	1.427E+03	1.703E+03
185	1.168E+03	1.396E+03	1.667E+03
186	1.142E+03	1.366E+03	1.632E+03
187	1.117E+03	1.337E+03	1.598E+03
188	1.093E+03	1.308E+03	1.565E+03
189	1.069E+03	1.281E+03	1.533E+03
190	1.046E+03	1.254E+03	1.501E+03
191	1.023E+03	1.227E+03	1.471E+03
192	1.001E+03	1.202E+03	1.441E+03
193	9.797E+02	1.176E+03	1.411E+03
194	9.587E+02	1.152E+03	1.383E+03
195	9.383E+02	1.128E+03	1.355E+03
196	9.184E+02	1.105E+03	1.328E+03
197	8.990E+02	1.082E+03	1.301E+03
198	8.800E+02	1.060E+03	1.275E+03
199	8.615E+02	1.038E+03	1.250E+03
200	8.435E+02	1.017E+03	1.225E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
200	8.435E+02	1.017E+03	1.225E+03
201	8.259E+02	9.963E+02	1.201E+03
202	8.087E+02	9.761E+02	1.177E+03
203	7.920E+02	9.564E+02	1.154E+03
204	7.756E+02	9.372E+02	1.131E+03
205	7.597E+02	9.185E+02	1.109E+03
206	7.441E+02	9.002E+02	1.088E+03
207	7.290E+02	8.823E+02	1.067E+03
208	7.142E+02	8.649E+02	1.046E+03
209	6.998E+02	8.479E+02	1.026E+03
210	6.857E+02	8.313E+02	1.007E+03
211	6.720E+02	8.151E+02	9.878E+02
212	6.586E+02	7.993E+02	9.692E+02
213	6.456E+02	7.839E+02	9.510E+02
214	6.328E+02	7.688E+02	9.332E+02
215	6.203E+02	7.541E+02	9.158E+02
216	6.082E+02	7.397E+02	8.988E+02
217	5.963E+02	7.256E+02	8.821E+02
218	5.847E+02	7.118E+02	8.659E+02
219	5.733E+02	6.984E+02	8.499E+02
220	5.622E+02	6.852E+02	8.344E+02
221	5.513E+02	6.723E+02	8.191E+02
222	5.407E+02	6.597E+02	8.041E+02
223	5.304E+02	6.474E+02	7.895E+02
224	5.202E+02	6.354E+02	7.753E+02
225	5.103E+02	6.236E+02	7.613E+02
226	5.007E+02	6.121E+02	7.476E+02
227	4.912E+02	6.009E+02	7.343E+02
228	4.820E+02	5.899E+02	7.212E+02
229	4.730E+02	5.791E+02	7.084E+02
230	4.642E+02	5.686E+02	6.959E+02
231	4.556E+02	5.584E+02	6.838E+02
232	4.472E+02	5.484E+02	6.718E+02
233	4.390E+02	5.386E+02	6.602E+02
234	4.310E+02	5.290E+02	6.487E+02
235	4.231E+02	5.196E+02	6.375E+02
236	4.155E+02	5.104E+02	6.266E+02
237	4.079E+02	5.014E+02	6.158E+02
238	4.006E+02	4.926E+02	6.053E+02
239	3.934E+02	4.840E+02	5.950E+02
240	3.863E+02	4.756E+02	5.849E+02
241	3.794E+02	4.673E+02	5.750E+02
242	3.727E+02	4.592E+02	5.653E+02
243	3.661E+02	4.513E+02	5.558E+02
244	3.596E+02	4.435E+02	5.465E+02
245	3.533E+02	4.359E+02	5.374E+02
246	3.471E+02	4.285E+02	5.285E+02
247	3.410E+02	4.212E+02	5.197E+02
248	3.351E+02	4.140E+02	5.111E+02
249	3.292E+02	4.070E+02	5.027E+02
250	3.235E+02	4.001E+02	4.945E+02

