

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	WDS-60
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T0 (°C)	T1 (°C)	T2 (°C)
100	25	100

R at T0°C	3300 Ω	R-TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	3999 K	B-TOLERANCE (K)	79.98	B-TOLERANCE (K)	79.98

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-30	7.574E+05	8.757E+05	1.011E+06
-29	7.129E+05	8.230E+05	9.494E+05
-28	6.712E+05	7.739E+05	8.915E+05
-27	6.322E+05	7.280E+05	8.375E+05
-26	5.957E+05	6.851E+05	7.871E+05
-25	5.616E+05	6.449E+05	7.400E+05
-24	5.296E+05	6.074E+05	6.960E+05
-23	4.996E+05	5.723E+05	6.550E+05
-22	4.715E+05	5.394E+05	6.165E+05
-21	4.451E+05	5.086E+05	5.806E+05
-20	4.204E+05	4.797E+05	5.470E+05
-19	3.972E+05	4.527E+05	5.155E+05
-18	3.754E+05	4.274E+05	4.861E+05
-17	3.550E+05	4.036E+05	4.585E+05
-16	3.358E+05	3.813E+05	4.326E+05
-15	3.177E+05	3.603E+05	4.083E+05
-14	3.007E+05	3.406E+05	3.855E+05
-13	2.847E+05	3.221E+05	3.642E+05
-12	2.696E+05	3.047E+05	3.441E+05
-11	2.555E+05	2.884E+05	3.253E+05
-10	2.421E+05	2.730E+05	3.075E+05
-9	2.295E+05	2.585E+05	2.909E+05
-8	2.177E+05	2.449E+05	2.753E+05
-7	2.065E+05	2.321E+05	2.605E+05
-6	1.960E+05	2.200E+05	2.467E+05
-5	1.860E+05	2.086E+05	2.337E+05
-4	1.767E+05	1.979E+05	2.214E+05
-3	1.678E+05	1.877E+05	2.098E+05
-2	1.595E+05	1.782E+05	1.990E+05
-1	1.516E+05	1.692E+05	1.887E+05
0	1.441E+05	1.607E+05	1.790E+05

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.441E+05	1.607E+05	1.790E+05
1	1.371E+05	1.527E+05	1.699E+05
2	1.304E+05	1.451E+05	1.613E+05
3	1.241E+05	1.380E+05	1.532E+05
4	1.182E+05	1.312E+05	1.455E+05
5	1.125E+05	1.248E+05	1.383E+05
6	1.072E+05	1.188E+05	1.315E+05
7	1.021E+05	1.130E+05	1.250E+05
8	9.734E+04	1.076E+05	1.189E+05
9	9.280E+04	1.025E+05	1.132E+05
10	8.851E+04	9.768E+04	1.077E+05
11	8.443E+04	9.309E+04	1.025E+05
12	8.057E+04	8.874E+04	9.765E+04
13	7.690E+04	8.462E+04	9.303E+04
14	7.343E+04	8.072E+04	8.865E+04
15	7.013E+04	7.701E+04	8.450E+04
16	6.699E+04	7.350E+04	8.057E+04
17	6.402E+04	7.017E+04	7.685E+04
18	6.119E+04	6.701E+04	7.331E+04
19	5.850E+04	6.401E+04	6.996E+04
20	5.595E+04	6.116E+04	6.679E+04
21	5.352E+04	5.845E+04	6.377E+04
22	5.122E+04	5.588E+04	6.091E+04
23	4.902E+04	5.343E+04	5.819E+04
24	4.693E+04	5.111E+04	5.561E+04
25	4.494E+04	4.890E+04	5.316E+04
26	4.305E+04	4.680E+04	5.083E+04
27	4.125E+04	4.480E+04	4.861E+04
28	3.953E+04	4.289E+04	4.650E+04
29	3.789E+04	4.108E+04	4.450E+04
30	3.633E+04	3.936E+04	4.260E+04
31	3.485E+04	3.771E+04	4.078E+04
32	3.343E+04	3.615E+04	3.906E+04
33	3.208E+04	3.466E+04	3.741E+04
34	3.079E+04	3.324E+04	3.585E+04
35	2.956E+04	3.188E+04	3.436E+04
36	2.838E+04	3.059E+04	3.294E+04
37	2.726E+04	2.935E+04	3.158E+04
38	2.619E+04	2.818E+04	3.029E+04
39	2.517E+04	2.705E+04	2.906E+04
40	2.419E+04	2.598E+04	2.788E+04
41	2.325E+04	2.496E+04	2.676E+04
42	2.236E+04	2.398E+04	2.569E+04
43	2.151E+04	2.304E+04	2.467E+04
44	2.069E+04	2.215E+04	2.370E+04
45	1.991E+04	2.130E+04	2.276E+04
46	1.916E+04	2.048E+04	2.187E+04
47	1.844E+04	1.970E+04	2.102E+04
48	1.776E+04	1.895E+04	2.021E+04
49	1.710E+04	1.824E+04	1.943E+04
50	1.647E+04	1.756E+04	1.869E+04

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100	25	100

R at T0°C	3300 Ω	R-TOLERANCE (%)	3	R-TOLERANCE (%)	3
B(T1°C/T2°C)	3999 K	B-TOLERANCE (K)	79.98	B-TOLERANCE (K)	79.98

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	1.647E+04	1.756E+04	1.869E+04
51	1.587E+04	1.690E+04	1.798E+04
52	1.529E+04	1.627E+04	1.730E+04
53	1.474E+04	1.567E+04	1.665E+04
54	1.421E+04	1.510E+04	1.603E+04
55	1.370E+04	1.455E+04	1.543E+04
56	1.322E+04	1.402E+04	1.486E+04
57	1.275E+04	1.351E+04	1.431E+04
58	1.230E+04	1.303E+04	1.379E+04
59	1.187E+04	1.256E+04	1.329E+04
60	1.146E+04	1.212E+04	1.281E+04
61	1.106E+04	1.169E+04	1.235E+04
62	1.068E+04	1.128E+04	1.190E+04
63	1.031E+04	1.089E+04	1.148E+04
64	9.963E+03	1.051E+04	1.107E+04
65	9.625E+03	1.015E+04	1.068E+04
66	9.301E+03	9.797E+03	1.031E+04
67	8.989E+03	9.462E+03	9.951E+03
68	8.690E+03	9.140E+03	9.606E+03
69	8.401E+03	8.831E+03	9.274E+03
70	8.124E+03	8.534E+03	8.956E+03
71	7.857E+03	8.248E+03	8.650E+03
72	7.601E+03	7.973E+03	8.357E+03
73	7.354E+03	7.709E+03	8.074E+03
74	7.116E+03	7.455E+03	7.803E+03
75	6.887E+03	7.210E+03	7.542E+03
76	6.667E+03	6.975E+03	7.291E+03
77	6.455E+03	6.749E+03	7.050E+03
78	6.250E+03	6.531E+03	6.817E+03
79	6.053E+03	6.321E+03	6.594E+03
80	5.863E+03	6.118E+03	6.379E+03
81	5.680E+03	5.924E+03	6.172E+03
82	5.504E+03	5.736E+03	5.973E+03
83	5.334E+03	5.555E+03	5.781E+03
84	5.170E+03	5.381E+03	5.596E+03
85	5.012E+03	5.213E+03	5.418E+03
86	4.859E+03	5.051E+03	5.247E+03
87	4.712E+03	4.895E+03	5.081E+03
88	4.570E+03	4.745E+03	4.922E+03
89	4.433E+03	4.600E+03	4.768E+03
90	4.300E+03	4.459E+03	4.620E+03
91	4.172E+03	4.324E+03	4.478E+03
92	4.049E+03	4.194E+03	4.340E+03
93	3.930E+03	4.068E+03	4.207E+03
94	3.815E+03	3.947E+03	4.079E+03
95	3.704E+03	3.829E+03	3.956E+03
96	3.596E+03	3.716E+03	3.836E+03
97	3.492E+03	3.607E+03	3.721E+03
98	3.392E+03	3.501E+03	3.610E+03
99	3.295E+03	3.399E+03	3.503E+03
100	3.201E+03	3.300E+03	3.399E+03

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	3.201E+03	3.300E+03	3.399E+03
101	3.107E+03	3.205E+03	3.303E+03
102	3.016E+03	3.112E+03	3.209E+03
103	2.928E+03	3.023E+03	3.119E+03
104	2.843E+03	2.937E+03	3.032E+03
105	2.760E+03	2.854E+03	2.948E+03
106	2.681E+03	2.773E+03	2.866E+03
107	2.604E+03	2.695E+03	2.787E+03
108	2.530E+03	2.620E+03	2.711E+03
109	2.458E+03	2.547E+03	2.637E+03
110	2.389E+03	2.476E+03	2.565E+03
111	2.321E+03	2.408E+03	2.495E+03
112	2.256E+03	2.342E+03	2.428E+03
113	2.194E+03	2.278E+03	2.363E+03
114	2.133E+03	2.216E+03	2.300E+03
115	2.074E+03	2.156E+03	2.239E+03
116	2.017E+03	2.098E+03	2.180E+03
117	1.962E+03	2.041E+03	2.122E+03
118	1.908E+03	1.987E+03	2.066E+03
119	1.856E+03	1.934E+03	2.012E+03
120	1.806E+03	1.882E+03	1.960E+03
121	1.758E+03	1.833E+03	1.909E+03
122	1.710E+03	1.785E+03	1.860E+03
123	1.665E+03	1.738E+03	1.812E+03
124	1.621E+03	1.693E+03	1.766E+03
125	1.578E+03	1.649E+03	1.721E+03
126	1.536E+03	1.606E+03	1.677E+03
127	1.496E+03	1.565E+03	1.635E+03
128	1.457E+03	1.525E+03	1.594E+03
129	1.419E+03	1.486E+03	1.554E+03
130	1.382E+03	1.448E+03	1.515E+03
131	1.347E+03	1.411E+03	1.478E+03
132	1.312E+03	1.376E+03	1.441E+03
133	1.279E+03	1.341E+03	1.406E+03
134	1.246E+03	1.308E+03	1.371E+03
135	1.214E+03	1.275E+03	1.338E+03
136	1.184E+03	1.244E+03	1.305E+03
137	1.154E+03	1.213E+03	1.274E+03
138	1.125E+03	1.183E+03	1.243E+03
139	1.097E+03	1.154E+03	1.213E+03
140	1.070E+03	1.126E+03	1.184E+03
141	1.044E+03	1.099E+03	1.156E+03
142	1.018E+03	1.073E+03	1.129E+03
143	9.934E+02	1.047E+03	1.103E+03
144	9.692E+02	1.022E+03	1.077E+03
145	9.458E+02	9.978E+02	1.052E+03
146	9.230E+02	9.742E+02	1.027E+03
147	9.008E+02	9.512E+02	1.004E+03
148	8.793E+02	9.289E+02	9.804E+02
149	8.584E+02	9.072E+02	9.579E+02
150	8.380E+02	8.861E+02	9.361E+02