

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	STS-51
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T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000 Ω	R-TOLERANCE (%)	5	R-TOLERANCE (%)	5
B(T1°C/T2°C)	3820 K	B-TOLERANCE (K)	114.6	B-TOLERANCE (K)	114.6

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
50	3.422E+03	3.711E+03	4.014E+03
51	3.297E+03	3.579E+03	3.876E+03
52	3.177E+03	3.453E+03	3.743E+03
53	3.063E+03	3.332E+03	3.616E+03
54	2.953E+03	3.216E+03	3.494E+03
55	2.848E+03	3.105E+03	3.376E+03
56	2.747E+03	2.998E+03	3.264E+03
57	2.650E+03	2.895E+03	3.156E+03
58	2.557E+03	2.797E+03	3.052E+03
59	2.468E+03	2.703E+03	2.952E+03
60	2.383E+03	2.612E+03	2.855E+03
61	2.301E+03	2.525E+03	2.763E+03
62	2.222E+03	2.441E+03	2.674E+03
63	2.147E+03	2.360E+03	2.588E+03
64	2.075E+03	2.283E+03	2.506E+03
65	2.005E+03	2.209E+03	2.427E+03
66	1.938E+03	2.137E+03	2.351E+03
67	1.874E+03	2.068E+03	2.277E+03
68	1.812E+03	2.002E+03	2.207E+03
69	1.753E+03	1.939E+03	2.139E+03
70	1.696E+03	1.877E+03	2.073E+03
71	1.641E+03	1.818E+03	2.010E+03
72	1.588E+03	1.762E+03	1.949E+03
73	1.538E+03	1.707E+03	1.891E+03
74	1.489E+03	1.654E+03	1.834E+03
75	1.442E+03	1.604E+03	1.779E+03
76	1.397E+03	1.555E+03	1.727E+03
77	1.353E+03	1.508E+03	1.676E+03
78	1.311E+03	1.463E+03	1.627E+03
79	1.271E+03	1.419E+03	1.580E+03
80	1.232E+03	1.377E+03	1.535E+03
81	1.195E+03	1.336E+03	1.491E+03
82	1.159E+03	1.297E+03	1.449E+03
83	1.124E+03	1.259E+03	1.408E+03
84	1.090E+03	1.223E+03	1.368E+03
85	1.058E+03	1.188E+03	1.330E+03
86	1.027E+03	1.154E+03	1.293E+03
87	9.967E+02	1.121E+03	1.257E+03
88	9.676E+02	1.089E+03	1.223E+03
89	9.396E+02	1.059E+03	1.190E+03
90	9.125E+02	1.029E+03	1.157E+03
91	8.862E+02	1.000E+03	1.126E+03
92	8.608E+02	9.724E+02	1.096E+03
93	8.364E+02	9.455E+02	1.066E+03
94	8.127E+02	9.196E+02	1.038E+03
95	7.899E+02	8.945E+02	1.010E+03
96	7.679E+02	8.703E+02	9.839E+02
97	7.466E+02	8.469E+02	9.582E+02
98	7.260E+02	8.242E+02	9.334E+02
99	7.061E+02	8.023E+02	9.094E+02
100	6.869E+02	7.812E+02	8.861E+02

T (°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
100	6.869E+02	7.812E+02	8.861E+02
101	6.684E+02	7.608E+02	8.637E+02
102	6.505E+02	7.410E+02	8.419E+02
103	6.332E+02	7.219E+02	8.208E+02
104	6.165E+02	7.033E+02	8.004E+02
105	6.003E+02	6.854E+02	7.806E+02
106	5.846E+02	6.680E+02	7.614E+02
107	5.694E+02	6.511E+02	7.428E+02
108	5.546E+02	6.348E+02	7.247E+02
109	5.404E+02	6.190E+02	7.072E+02
110	5.266E+02	6.036E+02	6.902E+02
111	5.132E+02	5.888E+02	6.738E+02
112	5.003E+02	5.744E+02	6.578E+02
113	4.877E+02	5.604E+02	6.423E+02
114	4.756E+02	5.468E+02	6.272E+02
115	4.638E+02	5.337E+02	6.126E+02
116	4.523E+02	5.209E+02	5.984E+02
117	4.412E+02	5.085E+02	5.846E+02
118	4.304E+02	4.964E+02	5.711E+02
119	4.199E+02	4.847E+02	5.581E+02
120	4.098E+02	4.733E+02	5.454E+02
121	3.999E+02	4.622E+02	5.330E+02
122	3.903E+02	4.515E+02	5.210E+02
123	3.810E+02	4.410E+02	5.093E+02
124	3.719E+02	4.309E+02	4.979E+02
125	3.631E+02	4.210E+02	4.868E+02
126	3.546E+02	4.114E+02	4.761E+02
127	3.463E+02	4.020E+02	4.656E+02
128	3.382E+02	3.930E+02	4.554E+02
129	3.304E+02	3.841E+02	4.455E+02
130	3.228E+02	3.756E+02	4.359E+02
131	3.154E+02	3.672E+02	4.265E+02
132	3.082E+02	3.591E+02	4.173E+02
133	3.012E+02	3.512E+02	4.084E+02
134	2.944E+02	3.435E+02	3.997E+02
135	2.878E+02	3.360E+02	3.913E+02
136	2.813E+02	3.287E+02	3.831E+02
137	2.751E+02	3.216E+02	3.750E+02
138	2.690E+02	3.147E+02	3.672E+02
139	2.631E+02	3.080E+02	3.596E+02
140	2.573E+02	3.014E+02	3.522E+02
141	2.517E+02	2.950E+02	3.450E+02
142	2.462E+02	2.888E+02	3.379E+02
143	2.409E+02	2.827E+02	3.311E+02
144	2.357E+02	2.768E+02	3.244E+02
145	2.306E+02	2.711E+02	3.178E+02
146	2.257E+02	2.655E+02	3.115E+02
147	2.209E+02	2.600E+02	3.052E+02
148	2.163E+02	2.547E+02	2.992E+02
149	2.117E+02	2.495E+02	2.933E+02
150	2.073E+02	2.444E+02	2.875E+02