

NTC THERMISTOR R-T CHARACTERISTICS

TYPE **MN18-3H103H***

T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000 Ω	R+TOLERANCE (%)	3	R-TOLERANCE (%)	3
B (T1°C/T2°C)	3465 K	B+TOLERANCE (K)	103.95	B-TOLERANCE (K)	103.95

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	3.842E+03	4.069E+03	4.306E+03
51	3.713E+03	3.936E+03	4.169E+03
52	3.588E+03	3.807E+03	4.037E+03
53	3.468E+03	3.684E+03	3.910E+03
54	3.353E+03	3.565E+03	3.787E+03
55	3.242E+03	3.451E+03	3.669E+03
56	3.136E+03	3.340E+03	3.555E+03
57	3.033E+03	3.234E+03	3.446E+03
58	2.935E+03	3.132E+03	3.340E+03
59	2.840E+03	3.034E+03	3.238E+03
60	2.748E+03	2.939E+03	3.140E+03
61	2.661E+03	2.848E+03	3.046E+03
62	2.576E+03	2.760E+03	2.954E+03
63	2.495E+03	2.675E+03	2.866E+03
64	2.416E+03	2.594E+03	2.781E+03
65	2.341E+03	2.515E+03	2.699E+03
66	2.268E+03	2.439E+03	2.620E+03
67	2.198E+03	2.365E+03	2.544E+03
68	2.130E+03	2.295E+03	2.470E+03
69	2.065E+03	2.226E+03	2.398E+03
70	2.002E+03	2.160E+03	2.329E+03
71	1.941E+03	2.096E+03	2.262E+03
72	1.882E+03	2.035E+03	2.198E+03
73	1.826E+03	1.975E+03	2.135E+03
74	1.771E+03	1.918E+03	2.075E+03
75	1.718E+03	1.862E+03	2.017E+03
76	1.667E+03	1.809E+03	1.960E+03
77	1.618E+03	1.757E+03	1.906E+03
78	1.570E+03	1.707E+03	1.853E+03
79	1.525E+03	1.658E+03	1.802E+03
80	1.480E+03	1.611E+03	1.752E+03
81	1.437E+03	1.566E+03	1.704E+03
82	1.396E+03	1.522E+03	1.658E+03
83	1.356E+03	1.479E+03	1.613E+03
84	1.317E+03	1.438E+03	1.569E+03
85	1.280E+03	1.398E+03	1.527E+03
86	1.243E+03	1.360E+03	1.486E+03
87	1.208E+03	1.323E+03	1.447E+03
88	1.174E+03	1.287E+03	1.408E+03
89	1.142E+03	1.252E+03	1.371E+03
90	1.110E+03	1.218E+03	1.335E+03
91	1.080E+03	1.185E+03	1.301E+03
92	1.050E+03	1.154E+03	1.267E+03
93	1.021E+03	1.123E+03	1.235E+03
94	9.936E+02	1.094E+03	1.203E+03
95	9.668E+02	1.065E+03	1.172E+03
96	9.407E+02	1.037E+03	1.142E+03
97	9.154E+02	1.010E+03	1.113E+03
98	8.909E+02	9.837E+02	1.085E+03
99	8.671E+02	9.581E+02	1.058E+03
100	8.441E+02	9.333E+02	1.031E+03

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	8.441E+02	9.333E+02	1.031E+03
101	8.215E+02	9.091E+02	1.005E+03
102	7.997E+02	8.856E+02	9.799E+02
103	7.786E+02	8.628E+02	9.554E+02
104	7.581E+02	8.407E+02	9.316E+02
105	7.382E+02	8.193E+02	9.084E+02
106	7.189E+02	7.985E+02	8.860E+02
107	7.002E+02	7.783E+02	8.642E+02
108	6.821E+02	7.586E+02	8.430E+02
109	6.645E+02	7.396E+02	8.225E+02
110	6.474E+02	7.211E+02	8.025E+02
111	6.308E+02	7.031E+02	7.829E+02
112	6.146E+02	6.856E+02	7.640E+02
113	5.990E+02	6.686E+02	7.456E+02
114	5.838E+02	6.521E+02	7.277E+02
115	5.691E+02	6.361E+02	7.104E+02
116	5.548E+02	6.206E+02	6.935E+02
117	5.410E+02	6.055E+02	6.771E+02
118	5.276E+02	5.909E+02	6.613E+02
119	5.146E+02	5.767E+02	6.458E+02
120	5.020E+02	5.630E+02	6.308E+02
121	4.900E+02	5.500E+02	6.167E+02
122	4.784E+02	5.373E+02	6.028E+02
123	4.671E+02	5.249E+02	5.893E+02
124	4.560E+02	5.127E+02	5.761E+02
125	4.451E+02	5.009E+02	5.631E+02
126	4.345E+02	4.893E+02	5.504E+02
127	4.242E+02	4.779E+02	5.380E+02
128	4.140E+02	4.668E+02	5.258E+02
129	4.041E+02	4.559E+02	5.139E+02
130	3.944E+02	4.453E+02	5.023E+02
131	3.847E+02	4.345E+02	4.904E+02
132	3.751E+02	4.241E+02	4.789E+02
133	3.659E+02	4.139E+02	4.677E+02
134	3.570E+02	4.040E+02	4.569E+02
135	3.483E+02	3.945E+02	4.463E+02
136	3.399E+02	3.852E+02	4.361E+02
137	3.317E+02	3.761E+02	4.261E+02
138	3.238E+02	3.674E+02	4.165E+02
139	3.161E+02	3.589E+02	4.071E+02
140	3.086E+02	3.506E+02	3.979E+02
141	3.015E+02	3.427E+02	3.892E+02
142	2.945E+02	3.350E+02	3.807E+02
143	2.878E+02	3.275E+02	3.724E+02
144	2.812E+02	3.202E+02	3.643E+02
145	2.747E+02	3.130E+02	3.564E+02
146	2.685E+02	3.061E+02	3.486E+02
147	2.624E+02	2.993E+02	3.411E+02
148	2.564E+02	2.927E+02	3.338E+02
149	2.506E+02	2.862E+02	3.266E+02
150	2.450E+02	2.799E+02	3.196E+02