

NTC THERMISTOR R-T CHARACTERISTICS

TYPE **MH18-3H103F***

T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	10000 Ω	R+TOLERANCE (%)	1	R-TOLERANCE (%)	1
B (T1°C/T2°C)	3465 K	B+TOLERANCE (K)	34.65	B-TOLERANCE (K)	34.65

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	3.993E+03	4.069E+03	4.147E+03
51	3.860E+03	3.936E+03	4.012E+03
52	3.733E+03	3.807E+03	3.883E+03
53	3.611E+03	3.684E+03	3.758E+03
54	3.493E+03	3.565E+03	3.638E+03
55	3.380E+03	3.451E+03	3.522E+03
56	3.271E+03	3.340E+03	3.411E+03
57	3.166E+03	3.234E+03	3.304E+03
58	3.065E+03	3.132E+03	3.200E+03
59	2.968E+03	3.034E+03	3.101E+03
60	2.874E+03	2.939E+03	3.005E+03
61	2.784E+03	2.848E+03	2.913E+03
62	2.698E+03	2.760E+03	2.824E+03
63	2.614E+03	2.675E+03	2.738E+03
64	2.533E+03	2.594E+03	2.655E+03
65	2.456E+03	2.515E+03	2.575E+03
66	2.381E+03	2.439E+03	2.498E+03
67	2.308E+03	2.365E+03	2.424E+03
68	2.239E+03	2.295E+03	2.352E+03
69	2.171E+03	2.226E+03	2.282E+03
70	2.106E+03	2.160E+03	2.215E+03
71	2.043E+03	2.096E+03	2.150E+03
72	1.983E+03	2.035E+03	2.088E+03
73	1.924E+03	1.975E+03	2.027E+03
74	1.868E+03	1.918E+03	1.969E+03
75	1.813E+03	1.862E+03	1.913E+03
76	1.760E+03	1.809E+03	1.858E+03
77	1.709E+03	1.757E+03	1.805E+03
78	1.660E+03	1.707E+03	1.754E+03
79	1.612E+03	1.658E+03	1.705E+03
80	1.566E+03	1.611E+03	1.657E+03
81	1.522E+03	1.566E+03	1.611E+03
82	1.479E+03	1.522E+03	1.566E+03
83	1.437E+03	1.479E+03	1.523E+03
84	1.397E+03	1.438E+03	1.481E+03
85	1.358E+03	1.398E+03	1.440E+03
86	1.320E+03	1.360E+03	1.401E+03
87	1.284E+03	1.323E+03	1.363E+03
88	1.248E+03	1.287E+03	1.326E+03
89	1.214E+03	1.252E+03	1.291E+03
90	1.181E+03	1.218E+03	1.256E+03
91	1.149E+03	1.185E+03	1.223E+03
92	1.118E+03	1.154E+03	1.191E+03
93	1.088E+03	1.123E+03	1.159E+03
94	1.059E+03	1.094E+03	1.129E+03
95	1.031E+03	1.065E+03	1.100E+03
96	1.004E+03	1.037E+03	1.071E+03
97	9.775E+02	1.010E+03	1.043E+03
98	9.518E+02	9.837E+02	1.016E+03
99	9.269E+02	9.581E+02	9.903E+02
100	9.027E+02	9.333E+02	9.649E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	9.027E+02	9.333E+02	9.649E+02
101	8.790E+02	9.091E+02	9.401E+02
102	8.561E+02	8.856E+02	9.161E+02
103	8.339E+02	8.628E+02	8.927E+02
104	8.123E+02	8.407E+02	8.701E+02
105	7.914E+02	8.193E+02	8.481E+02
106	7.711E+02	7.985E+02	8.267E+02
107	7.514E+02	7.783E+02	8.060E+02
108	7.323E+02	7.586E+02	7.859E+02
109	7.137E+02	7.396E+02	7.663E+02
110	6.957E+02	7.211E+02	7.473E+02
111	6.782E+02	7.031E+02	7.288E+02
112	6.611E+02	6.856E+02	7.108E+02
113	6.446E+02	6.686E+02	6.934E+02
114	6.286E+02	6.521E+02	6.764E+02
115	6.130E+02	6.361E+02	6.600E+02
116	5.979E+02	6.206E+02	6.441E+02
117	5.833E+02	6.055E+02	6.286E+02
118	5.691E+02	5.909E+02	6.136E+02
119	5.553E+02	5.767E+02	5.990E+02
120	5.419E+02	5.630E+02	5.848E+02
121	5.293E+02	5.500E+02	5.714E+02
122	5.169E+02	5.373E+02	5.584E+02
123	5.049E+02	5.249E+02	5.456E+02
124	4.931E+02	5.127E+02	5.331E+02
125	4.816E+02	5.009E+02	5.209E+02
126	4.703E+02	4.893E+02	5.089E+02
127	4.593E+02	4.779E+02	4.972E+02
128	4.485E+02	4.668E+02	4.858E+02
129	4.380E+02	4.559E+02	4.745E+02
130	4.277E+02	4.453E+02	4.636E+02
131	4.173E+02	4.345E+02	4.524E+02
132	4.071E+02	4.241E+02	4.416E+02
133	3.973E+02	4.139E+02	4.312E+02
134	3.877E+02	4.040E+02	4.210E+02
135	3.785E+02	3.945E+02	4.111E+02
136	3.695E+02	3.852E+02	4.015E+02
137	3.608E+02	3.761E+02	3.922E+02
138	3.523E+02	3.674E+02	3.831E+02
139	3.440E+02	3.589E+02	3.743E+02
140	3.361E+02	3.506E+02	3.658E+02
141	3.284E+02	3.427E+02	3.576E+02
142	3.210E+02	3.350E+02	3.496E+02
143	3.137E+02	3.275E+02	3.418E+02
144	3.066E+02	3.202E+02	3.343E+02
145	2.997E+02	3.130E+02	3.269E+02
146	2.930E+02	3.061E+02	3.197E+02
147	2.865E+02	2.993E+02	3.127E+02
148	2.801E+02	2.927E+02	3.058E+02
149	2.739E+02	2.862E+02	2.991E+02
150	2.678E+02	2.799E+02	2.926E+02