

NTC THERMISTOR R-T CHARACTERISTICS

TYPE MH18-3G502F*

T0 (°C)	T1 (°C)	T2 (°C)
25	25	50

R at T0°C	5000 Ω	R+TOLERANCE (%)	1	R-TOLERANCE (%)	1
B (T1°C/T2°C)	3470 K	B+TOLERANCE (K)	34.7	B-TOLERANCE (K)	34.7

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
50	1.994E+03	2.032E+03	2.071E+03
51	1.928E+03	1.965E+03	2.004E+03
52	1.864E+03	1.901E+03	1.939E+03
53	1.803E+03	1.839E+03	1.876E+03
54	1.744E+03	1.780E+03	1.816E+03
55	1.687E+03	1.722E+03	1.758E+03
56	1.633E+03	1.667E+03	1.702E+03
57	1.580E+03	1.614E+03	1.649E+03
58	1.530E+03	1.563E+03	1.597E+03
59	1.481E+03	1.514E+03	1.547E+03
60	1.434E+03	1.466E+03	1.499E+03
61	1.389E+03	1.421E+03	1.453E+03
62	1.346E+03	1.377E+03	1.409E+03
63	1.304E+03	1.334E+03	1.366E+03
64	1.263E+03	1.293E+03	1.324E+03
65	1.225E+03	1.254E+03	1.284E+03
66	1.187E+03	1.216E+03	1.246E+03
67	1.151E+03	1.179E+03	1.208E+03
68	1.116E+03	1.144E+03	1.172E+03
69	1.082E+03	1.110E+03	1.138E+03
70	1.050E+03	1.077E+03	1.104E+03
71	1.019E+03	1.045E+03	1.072E+03
72	9.883E+02	1.014E+03	1.041E+03
73	9.591E+02	9.846E+02	1.011E+03
74	9.309E+02	9.559E+02	9.815E+02
75	9.037E+02	9.282E+02	9.533E+02
76	8.774E+02	9.015E+02	9.261E+02
77	8.520E+02	8.756E+02	8.998E+02
78	8.274E+02	8.506E+02	8.743E+02
79	8.037E+02	8.264E+02	8.497E+02
80	7.807E+02	8.030E+02	8.259E+02
81	7.585E+02	7.804E+02	8.029E+02
82	7.371E+02	7.585E+02	7.806E+02
83	7.163E+02	7.374E+02	7.590E+02
84	6.962E+02	7.169E+02	7.381E+02
85	6.768E+02	6.971E+02	7.179E+02
86	6.580E+02	6.779E+02	6.984E+02
87	6.398E+02	6.594E+02	6.794E+02
88	6.222E+02	6.414E+02	6.611E+02
89	6.052E+02	6.240E+02	6.434E+02
90	5.887E+02	6.072E+02	6.262E+02
91	5.727E+02	5.909E+02	6.095E+02
92	5.573E+02	5.750E+02	5.933E+02
93	5.423E+02	5.597E+02	5.777E+02
94	5.278E+02	5.449E+02	5.625E+02
95	5.137E+02	5.305E+02	5.478E+02
96	5.001E+02	5.166E+02	5.336E+02
97	4.869E+02	5.031E+02	5.198E+02
98	4.742E+02	4.901E+02	5.064E+02
99	4.618E+02	4.774E+02	4.934E+02
100	4.498E+02	4.651E+02	4.809E+02

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
100	4.498E+02	4.651E+02	4.809E+02
101	4.382E+02	4.532E+02	4.687E+02
102	4.269E+02	4.417E+02	4.569E+02
103	4.160E+02	4.305E+02	4.454E+02
104	4.054E+02	4.196E+02	4.343E+02
105	3.952E+02	4.091E+02	4.235E+02
106	3.852E+02	3.989E+02	4.130E+02
107	3.755E+02	3.889E+02	4.028E+02
108	3.661E+02	3.793E+02	3.929E+02
109	3.570E+02	3.699E+02	3.833E+02
110	3.481E+02	3.608E+02	3.740E+02
111	3.395E+02	3.520E+02	3.649E+02
112	3.311E+02	3.434E+02	3.560E+02
113	3.230E+02	3.350E+02	3.474E+02
114	3.151E+02	3.269E+02	3.391E+02
115	3.074E+02	3.190E+02	3.310E+02
116	3.000E+02	3.114E+02	3.231E+02
117	2.927E+02	3.039E+02	3.155E+02
118	2.857E+02	2.967E+02	3.081E+02
119	2.789E+02	2.897E+02	3.009E+02
120	2.723E+02	2.829E+02	2.938E+02
121	2.658E+02	2.762E+02	2.870E+02
122	2.596E+02	2.698E+02	2.804E+02
123	2.535E+02	2.635E+02	2.739E+02
124	2.476E+02	2.574E+02	2.677E+02
125	2.418E+02	2.515E+02	2.616E+02
126	2.362E+02	2.458E+02	2.556E+02
127	2.308E+02	2.401E+02	2.499E+02
128	2.255E+02	2.347E+02	2.442E+02
129	2.204E+02	2.294E+02	2.388E+02
130	2.153E+02	2.242E+02	2.334E+02
131	2.105E+02	2.192E+02	2.282E+02
132	2.057E+02	2.143E+02	2.232E+02
133	2.011E+02	2.095E+02	2.183E+02
134	1.966E+02	2.049E+02	2.135E+02
135	1.922E+02	2.004E+02	2.088E+02
136	1.880E+02	1.960E+02	2.043E+02
137	1.838E+02	1.917E+02	1.998E+02
138	1.798E+02	1.875E+02	1.955E+02
139	1.758E+02	1.834E+02	1.913E+02
140	1.720E+02	1.794E+02	1.872E+02
141	1.683E+02	1.756E+02	1.832E+02
142	1.646E+02	1.718E+02	1.793E+02
143	1.611E+02	1.681E+02	1.755E+02
144	1.576E+02	1.646E+02	1.718E+02
145	1.542E+02	1.611E+02	1.682E+02
146	1.509E+02	1.577E+02	1.647E+02
147	1.477E+02	1.544E+02	1.613E+02
148	1.446E+02	1.511E+02	1.579E+02
149	1.416E+02	1.480E+02	1.547E+02
150	1.386E+02	1.449E+02	1.515E+02