NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-3W474F[T,B]

RESISTANCE(at25℃)	470000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3940 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
-40	1.409E+007	1.477E+007	1.548E+007
-39	1.323E+007	1.386E+007	1.451E+007
-38	1.243E+007	1.301E+007	1.361E+007
-37	1.168E+007	1.221E+007	1.277E+007
-36	1.098E+007	1.147E+007	1.199E+007
-35	1.032E+007	1.078E+007	1.126E+007
-34	9.713E+006	1.014E+007	1.058E+007
-33	9.140E+006	9.532E+006	9.939E+006
-32	8.605E+006	8.967E+006	9.344E+006
-31	8.103E+006	8.439E+006	8.788E+006
-30	7.634E+006	7.945E+006	8.268E+006
-29	7.194E+006	7.483E+006	7.781E+006
-28	6.782E+006	7.049E+006	7.326E+006
-27	6.396E+006	6.644E+006	6.900E+006
-26	6.034E+006	6.264E+006	6.501E+006
-25	5.695E+006	5.907E+006	6.127E+006
-24	5.376E+006	5.573E+006	5.777E+006
-23	5.077E+006	5.260E+006	5.449E+006
-22	4.796E+006	4.966E+006	5.141E+006
-21	4.532E+006	4.690E+006	4.852E+006
-20	4.284E+006	4.431E+006	4.581E+006
-19	4.051E+006	4.187E+006	4.327E+006
-18	3.832E+006	3.958E+006	4.087E+006
-17	3.626E+006	3.743E+006	3.863E+006
-16	3.432E+006	3.541E+006	3.652E+006
-15	3.250E+006	3.350E+006	3.454E+006
-14	3.078E+006	3.171E+006	3.267E+006
-13	2.916E+006	3.003E+006	3.092E+006
-12	2.764E+006	2.845E+006	2.927E+006
-11	2.620E+006	2.695E+006	2.772E+006
-10	2.485E+006	2.555E+006	2.626E+006
-9	2.358E+006	2.422E+006	2.488E+006
-8	2.237E+006	2.297E+006	2.359E+006
-7	2.124E+006	2.180E+006	2.237E+006
-6	2.017E+006	2.068E+006	2.121E+006
-5	1.915E+006	1.964E+006	2.013E+006
-4	1.820E+006	1.865E+006	1.910E+006
-3	1.730E+006	1.771E+006	1.814E+006
-2	1.644E+006	1.683E+006	1.722E+006
-1	1.564E+006	1.600E+006	1.636E+006
0	1.487E+006	1.521E+006	1.555E+006

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
0	1.487E+006	1.521E+006	1.555E+006
1	1.415E+006	1.446E+006	1.478E+006
2	1.347E+006	1.376E+006	1.405E+006
3	1.282E+006	1.309E+006	1.336E+006
4	1.221E+006	1.246E+006	1.271E+006
5	1.163E+006	1.186E+006	1.209E+006
6	1.108E+006	1.130E+006	1.151E+006
7	1.056E+006	1.076E+006	1.096E+006
8	1.007E+006	1.025E+006	1.044E+006
9	9.604E+005	9.774E+005	9.946E+005
10	9.161E+005	9.318E+005	9.478E+005
11	8.741E+005	8.887E+005	9.034E+005
12	8.342E+005	8.477E+005	8.614E+005
13	7.964E+005	8.089E+005	8.215E+005
14	7.605E+005	7.720E+005	7.837E+005
15	7.263E+005	7.370E+005	7.478E+005
16	6.939E+005	7.038E+005	7.138E+005
17	6.631E+005	6.723E+005	6.815E+005
18	6.339E+005	6.423E+005	6.508E+005
19	6.060E+005	6.138E+005	6.216E+005
20	5.796E+005	5.867E+005	5.939E+005
21	5.544E+005	5.610E+005	5.676E+005
22	5.304E+005	5.365E+005	5.426E+005
23	5.076E+005	5.132E+005	5.188E+005
24	4.860E+005	4.911E+005	4.962E+005
25	4.653E+005	4.700E+005	4.747E+005
26	4.452E+005	4.499E+005	4.546E+005
27	4.261E+005	4.308E+005	4.355E+005
28	4.080E+005	4.126E+005	4.173E+005
29	3.907E+005	3.953E+005	3.999E+005
30	3.742E+005	3.788E+005	3.834E+005
31	3.585E+005	3.630E+005	3.676E+005
32	3.435E+005	3.480E+005	3.526E+005
33	3.292E+005	3.337E+005	3.382E+005
34	3.156E+005	3.201E+005	3.245E+005
35	3.027E+005	3.070E+005	3.114E+005
36	2.903E+005	2.946E+005	2.990E+005
37	2.785E+005	2.827E+005	2.870E+005
38	2.672E+005	2.714E+005	2.757E+005
39	2.565E+005	2.606E+005	2.648E+005
40	2.462E+005	2.503E+005	2.544E+005

NTC THERMISTOR R-T CHARACTERISTICS

TYPE	TH11-3W474F[T,B]

RESISTANCE(at25℃)	470000 Ω	R-TOLERANCE(±)	1 %
B-VALUE(25/50℃)	3940 K	B-TOLERANCE(±)	1 %

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	2.462E+005	2.503E+005	2.544E+005
41	2.364E+005	2.404E+005	2.445E+005
42	2.271E+005	2.310E+005	2.350E+005
43	2.181E+005	2.220E+005	2.259E+005
44	2.096E+005	2.134E+005	2.173E+005
45	2.014E+005	2.052E+005	2.090E+005
46	1.936E+005	1.973E+005	2.010E+005
47	1.862E+005	1.898E+005	1.934E+005
48	1.790E+005	1.826E+005	1.862E+005
49	1.722E+005	1.757E+005	1.792E+005
50	1.657E+005	1.691E+005	1.725E+005
51	1.594E+005	1.628E+005	1.661E+005
52	1.535E+005	1.567E+005	1.600E+005
53	1.477E+005	1.509E+005	1.542E+005
54	1.422E+005	1.454E+005	1.486E+005
55	1.370E+005	1.401E+005	1.432E+005
56	1.319E+005	1.350E+005	1.380E+005
57	1.271E+005	1.301E+005	1.331E+005
58	1.225E+005	1.254E+005	1.283E+005
59	1.181E+005	1.209E+005	1.237E+005
60	1.138E+005	1.166E+005	1.194E+005
61	1.097E+005	1.124E+005	1.152E+005
62	1.058E+005	1.084E+005	1.111E+005
63	1.020E+005	1.046E+005	1.073E+005
64	9.844E+004	1.010E+005	1.036E+005
65	9.498E+004	9.745E+004	9.998E+004
66	9.166E+004	9.408E+004	9.655E+004
67	8.847E+004	9.083E+004	9.325E+004
68	8.540E+004	8.772E+004	9.008E+004
69	8.246E+004	8.472E+004	8.704E+004
70	7.963E+004	8.184E+004	8.411E+004
71	7.692E+004	7.908E+004	8.129E+004
72	7.430E+004	7.642E+004	7.858E+004
73	7.179E+004	7.386E+004	7.598E+004
74	6.938E+004	7.140E+004	7.347E+004
75	6.706E+004	6.903E+004	7.106E+004
76	6.482E+004	6.676E+004	6.874E+004
77	6.268E+004	6.456E+004	6.650E+004
78	6.061E+004	6.246E+004	6.435E+004
79	5.862E+004	6.043E+004	6.228E+004
80	5.671E+004	5.847E+004	6.028E+004

T(℃)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	5.671E+004	5.847E+004	6.028E+004
81	5.486E+004	5.659E+004	5.836E+004
82	5.309E+004	5.478E+004	5.651E+004
83	5.138E+004	5.303E+004	5.472E+004
84	4.974E+004	5.135E+004	5.300E+004
85	4.815E+004	4.972E+004	5.135E+004
86	4.662E+004	4.816E+004	4.975E+004
87	4.515E+004	4.666E+004	4.821E+004
88	4.373E+004	4.520E+004	4.672E+004
89	4.236E+004	4.380E+004	4.529E+004
90	4.105E+004	4.245E+004	4.390E+004
91	3.977E+004	4.115E+004	4.257E+004
92	3.855E+004	3.989E+004	4.128E+004
93	3.737E+004	3.868E+004	4.004E+004
94	3.623E+004	3.751E+004	3.884E+004
95	3.512E+004	3.638E+004	3.768E+004
96	3.406E+004	3.529E+004	3.656E+004
97	3.304E+004	3.424E+004	3.548E+004
98	3.205E+004	3.322E+004	3.444E+004
99	3.109E+004	3.224E+004	3.343E+004
100	3.017E+004	3.129E+004	3.246E+004
101	2.928E+004	3.038E+004	3.152E+004
102	2.842E+004	2.949E+004	3.061E+004
103	2.758E+004	2.864E+004	2.973E+004
104	2.678E+004	2.781E+004	2.888E+004
105	2.601E+004	2.701E+004	2.806E+004
106	2.525E+004	2.624E+004	2.726E+004
107	2.453E+004	2.549E+004	2.649E+004
108	2.383E+004	2.477E+004	2.575E+004
109	2.315E+004	2.407E+004	2.503E+004
110	2.249E+004	2.340E+004	2.433E+004
111	2.186E+004	2.274E+004	2.366E+004
112	2.125E+004	2.211E+004	2.301E+004
113	2.066E+004	2.150E+004	2.238E+004
114	2.008E+004	2.091E+004	2.177E+004
115	1.953E+004	2.034E+004	2.118E+004
116	1.899E+004	1.978E+004	2.061E+004
117	1.847E+004	1.924E+004	2.005E+004
118	1.796E+004	1.872E+004	1.951E+004
119	1.747E+004	1.822E+004	1.899E+004
120	1.700E+004	1.773E+004	1.849E+004
121	1.654E+004	1.726E+004	1.800E+004
122	1.610E+004	1.680E+004	1.752E+004
123	1.567E+004	1.635E+004	1.706E+004
124	1.525E+004	1.592E+004	1.662E+004
125	1.485E+004	1.550E+004	1.619E+004