

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TC10-2S500J[T,B]

RESISTANCE(at25°C)	50 Ω	R-TOLERANCE(±)	5 %
B-VALUE(25/50°C)	2750 K	B-TOLERANCE(±)	3 %

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
40	3.018E+01	3.220E+01	3.426E+01
41	2.932E+01	3.130E+01	3.334E+01
42	2.849E+01	3.044E+01	3.245E+01
43	2.769E+01	2.961E+01	3.158E+01
44	2.691E+01	2.880E+01	3.075E+01
45	2.617E+01	2.803E+01	2.994E+01
46	2.544E+01	2.727E+01	2.916E+01
47	2.474E+01	2.654E+01	2.841E+01
48	2.406E+01	2.584E+01	2.767E+01
49	2.341E+01	2.516E+01	2.696E+01
50	2.278E+01	2.449E+01	2.628E+01
51	2.217E+01	2.386E+01	2.561E+01
52	2.158E+01	2.324E+01	2.497E+01
53	2.100E+01	2.264E+01	2.434E+01
54	2.045E+01	2.206E+01	2.374E+01
55	1.991E+01	2.150E+01	2.315E+01
56	1.940E+01	2.096E+01	2.258E+01
57	1.889E+01	2.043E+01	2.203E+01
58	1.841E+01	1.992E+01	2.150E+01
59	1.793E+01	1.942E+01	2.098E+01
60	1.748E+01	1.894E+01	2.047E+01
61	1.703E+01	1.847E+01	1.998E+01
62	1.660E+01	1.802E+01	1.951E+01
63	1.619E+01	1.758E+01	1.904E+01
64	1.578E+01	1.715E+01	1.860E+01
65	1.539E+01	1.674E+01	1.816E+01
66	1.501E+01	1.634E+01	1.774E+01
67	1.464E+01	1.595E+01	1.733E+01
68	1.428E+01	1.557E+01	1.693E+01
69	1.394E+01	1.520E+01	1.654E+01
70	1.360E+01	1.484E+01	1.616E+01
71	1.327E+01	1.450E+01	1.580E+01
72	1.296E+01	1.416E+01	1.544E+01
73	1.265E+01	1.384E+01	1.510E+01
74	1.235E+01	1.352E+01	1.476E+01
75	1.206E+01	1.321E+01	1.444E+01
76	1.178E+01	1.291E+01	1.412E+01
77	1.151E+01	1.262E+01	1.381E+01
78	1.124E+01	1.234E+01	1.351E+01
79	1.098E+01	1.206E+01	1.322E+01
80	1.073E+01	1.180E+01	1.293E+01

T(°C)	Rmin(Ω)	Rnom(Ω)	Rmax(Ω)
80	1.073E+01	1.180E+01	1.293E+01
81	1.049E+01	1.153E+01	1.265E+01
82	1.025E+01	1.128E+01	1.238E+01
83	1.001E+01	1.103E+01	1.211E+01
84	9.789E+00	1.079E+01	1.186E+01
85	9.569E+00	1.055E+01	1.160E+01
86	9.356E+00	1.032E+01	1.136E+01
87	9.148E+00	1.010E+01	1.112E+01
88	8.947E+00	9.883E+00	1.089E+01
89	8.751E+00	9.673E+00	1.067E+01
90	8.560E+00	9.468E+00	1.045E+01
91	8.375E+00	9.269E+00	1.023E+01
92	8.195E+00	9.076E+00	1.003E+01
93	8.020E+00	8.887E+00	9.824E+00
94	7.849E+00	8.704E+00	9.627E+00
95	7.683E+00	8.525E+00	9.434E+00
96	7.522E+00	8.350E+00	9.247E+00
97	7.364E+00	8.180E+00	9.064E+00
98	7.211E+00	8.015E+00	8.886E+00
99	7.061E+00	7.853E+00	8.712E+00
100	6.915E+00	7.696E+00	8.542E+00
101	6.773E+00	7.542E+00	8.377E+00
102	6.635E+00	7.392E+00	8.215E+00
103	6.500E+00	7.246E+00	8.058E+00
104	6.368E+00	7.104E+00	7.904E+00
105	6.240E+00	6.965E+00	7.754E+00
106	6.115E+00	6.829E+00	7.607E+00
107	5.993E+00	6.697E+00	7.464E+00
108	5.874E+00	6.568E+00	7.324E+00
109	5.758E+00	6.442E+00	7.188E+00
110	5.645E+00	6.319E+00	7.055E+00
111	5.535E+00	6.199E+00	6.924E+00
112	5.427E+00	6.081E+00	6.797E+00
113	5.322E+00	5.967E+00	6.673E+00
114	5.219E+00	5.855E+00	6.552E+00
115	5.119E+00	5.746E+00	6.433E+00
116	5.022E+00	5.639E+00	6.317E+00
117	4.926E+00	5.535E+00	6.204E+00
118	4.833E+00	5.433E+00	6.093E+00
119	4.742E+00	5.334E+00	5.985E+00
120	4.653E+00	5.237E+00	5.879E+00
121	4.566E+00	5.142E+00	5.775E+00
122	4.482E+00	5.049E+00	5.674E+00
123	4.399E+00	4.958E+00	5.575E+00
124	4.318E+00	4.870E+00	5.478E+00
125	4.239E+00	4.783E+00	5.384E+00