



## NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-2V221J [T, B]

RESISTANCE (at25°C)	220 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	2900 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
40	1.295E+002	1.382E+002	1.472E+002
41	1.256E+002	1.342E+002	1.430E+002
42	1.219E+002	1.303E+002	1.390E+002
43	1.182E+002	1.266E+002	1.351E+002
44	1.148E+002	1.229E+002	1.314E+002
45	1.114E+002	1.194E+002	1.277E+002
46	1.082E+002	1.161E+002	1.242E+002
47	1.050E+002	1.128E+002	1.208E+002
48	1.020E+002	1.096E+002	1.176E+002
49	9.910E+001	1.066E+002	1.144E+002
50	9.628E+001	1.037E+002	1.113E+002
51	9.357E+001	1.008E+002	1.084E+002
52	9.094E+001	9.808E+001	1.055E+002
53	8.841E+001	9.542E+001	1.027E+002
54	8.596E+001	9.285E+001	1.001E+002
55	8.359E+001	9.037E+001	9.745E+001
56	8.130E+001	8.797E+001	9.494E+001
57	7.909E+001	8.564E+001	9.250E+001
58	7.695E+001	8.339E+001	9.014E+001
59	7.488E+001	8.121E+001	8.786E+001
60	7.288E+001	7.910E+001	8.564E+001
61	7.094E+001	7.706E+001	8.349E+001
62	6.906E+001	7.508E+001	8.141E+001
63	6.725E+001	7.316E+001	7.940E+001
64	6.549E+001	7.131E+001	7.744E+001
65	6.379E+001	6.951E+001	7.554E+001
66	6.214E+001	6.776E+001	7.371E+001
67	6.055E+001	6.607E+001	7.192E+001
68	5.900E+001	6.444E+001	7.019E+001
69	5.751E+001	6.285E+001	6.851E+001
70	5.606E+001	6.131E+001	6.688E+001
71	5.464E+001	5.980E+001	6.529E+001
72	5.327E+001	5.834E+001	6.374E+001
73	5.194E+001	5.693E+001	6.224E+001
74	5.065E+001	5.556E+001	6.079E+001
75	4.941E+001	5.424E+001	5.939E+001
76	4.821E+001	5.295E+001	5.802E+001
77	4.704E+001	5.171E+001	5.670E+001
78	4.592E+001	5.051E+001	5.542E+001
79	4.482E+001	4.934E+001	5.418E+001
80	4.377E+001	4.821E+001	5.298E+001

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
80	4.377E+001	4.821E+001	5.298E+001
81	4.276E+001	4.713E+001	5.183E+001
82	4.178E+001	4.609E+001	5.071E+001
83	4.083E+001	4.507E+001	4.962E+001
84	3.990E+001	4.408E+001	4.857E+001
85	3.900E+001	4.311E+001	4.754E+001
86	3.813E+001	4.218E+001	4.654E+001
87	3.729E+001	4.127E+001	4.557E+001
88	3.646E+001	4.039E+001	4.462E+001
89	3.566E+001	3.953E+001	4.370E+001
90	3.489E+001	3.869E+001	4.281E+001
91	3.413E+001	3.788E+001	4.194E+001
92	3.340E+001	3.709E+001	4.109E+001
93	3.269E+001	3.632E+001	4.026E+001
94	3.199E+001	3.558E+001	3.946E+001
95	3.132E+001	3.485E+001	3.868E+001
96	3.066E+001	3.414E+001	3.791E+001
97	3.002E+001	3.345E+001	3.717E+001
98	2.940E+001	3.278E+001	3.645E+001
99	2.879E+001	3.212E+001	3.574E+001
100	2.820E+001	3.148E+001	3.505E+001
101	2.763E+001	3.086E+001	3.438E+001
102	2.707E+001	3.025E+001	3.373E+001
103	2.652E+001	2.966E+001	3.309E+001
104	2.599E+001	2.909E+001	3.247E+001
105	2.548E+001	2.853E+001	3.186E+001
106	2.497E+001	2.798E+001	3.127E+001
107	2.448E+001	2.745E+001	3.069E+001
108	2.400E+001	2.693E+001	3.013E+001
109	2.354E+001	2.642E+001	2.958E+001
110	2.308E+001	2.592E+001	2.904E+001
111	2.264E+001	2.544E+001	2.852E+001
112	2.221E+001	2.497E+001	2.801E+001
113	2.179E+001	2.451E+001	2.751E+001
114	2.138E+001	2.406E+001	2.702E+001
115	2.098E+001	2.363E+001	2.655E+001
116	2.059E+001	2.320E+001	2.608E+001
117	2.021E+001	2.279E+001	2.563E+001
118	1.984E+001	2.238E+001	2.519E+001
119	1.947E+001	2.198E+001	2.475E+001
120	1.912E+001	2.160E+001	2.433E+001
121	1.877E+001	2.122E+001	2.392E+001
122	1.844E+001	2.085E+001	2.352E+001
123	1.811E+001	2.049E+001	2.312E+001
124	1.779E+001	2.013E+001	2.274E+001
125	1.747E+001	1.979E+001	2.236E+001