

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN10-3A331J [T, B]

RESISTANCE (at25°C)	330 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3000 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	4.429E+003	5.071E+003	5.792E+003
-39	4.209E+003	4.812E+003	5.487E+003
-38	4.002E+003	4.567E+003	5.199E+003
-37	3.806E+003	4.337E+003	4.929E+003
-36	3.621E+003	4.120E+003	4.675E+003
-35	3.447E+003	3.915E+003	4.436E+003
-34	3.282E+003	3.722E+003	4.210E+003
-33	3.126E+003	3.540E+003	3.998E+003
-32	2.979E+003	3.368E+003	3.798E+003
-31	2.840E+003	3.205E+003	3.609E+003
-30	2.708E+003	3.052E+003	3.431E+003
-29	2.583E+003	2.906E+003	3.263E+003
-28	2.464E+003	2.769E+003	3.104E+003
-27	2.352E+003	2.639E+003	2.954E+003
-26	2.246E+003	2.516E+003	2.812E+003
-25	2.146E+003	2.400E+003	2.678E+003
-24	2.050E+003	2.290E+003	2.552E+003
-23	1.960E+003	2.186E+003	2.432E+003
-22	1.874E+003	2.088E+003	2.319E+003
-21	1.793E+003	1.994E+003	2.212E+003
-20	1.716E+003	1.906E+003	2.111E+003
-19	1.643E+003	1.822E+003	2.016E+003
-18	1.573E+003	1.742E+003	1.925E+003
-17	1.507E+003	1.667E+003	1.839E+003
-16	1.444E+003	1.595E+003	1.757E+003
-15	1.384E+003	1.527E+003	1.680E+003
-14	1.327E+003	1.462E+003	1.606E+003
-13	1.273E+003	1.400E+003	1.536E+003
-12	1.221E+003	1.341E+003	1.470E+003
-11	1.171E+003	1.285E+003	1.407E+003
-10	1.124E+003	1.232E+003	1.347E+003
-9	1.080E+003	1.181E+003	1.290E+003
-8	1.037E+003	1.133E+003	1.235E+003
-7	9.960E+002	1.087E+003	1.184E+003
-6	9.570E+002	1.043E+003	1.135E+003
-5	9.198E+002	1.001E+003	1.088E+003
-4	8.843E+002	9.616E+002	1.043E+003
-3	8.503E+002	9.236E+002	1.001E+003
-2	8.179E+002	8.872E+002	9.600E+002
-1	7.869E+002	8.526E+002	9.214E+002
0	7.573E+002	8.195E+002	8.846E+002

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	7.573E+002	8.195E+002	8.846E+002
1	7.289E+002	7.878E+002	8.494E+002
2	7.018E+002	7.576E+002	8.158E+002
3	6.758E+002	7.287E+002	7.838E+002
4	6.510E+002	7.011E+002	7.532E+002
5	6.273E+002	6.748E+002	7.240E+002
6	6.045E+002	6.496E+002	6.962E+002
7	5.828E+002	6.255E+002	6.696E+002
8	5.619E+002	6.024E+002	6.442E+002
9	5.420E+002	5.804E+002	6.199E+002
10	5.229E+002	5.593E+002	5.967E+002
11	5.045E+002	5.391E+002	5.745E+002
12	4.870E+002	5.197E+002	5.533E+002
13	4.701E+002	5.012E+002	5.329E+002
14	4.540E+002	4.834E+002	5.135E+002
15	4.385E+002	4.664E+002	4.949E+002
16	4.236E+002	4.501E+002	4.771E+002
17	4.093E+002	4.345E+002	4.600E+002
18	3.956E+002	4.195E+002	4.436E+002
19	3.824E+002	4.051E+002	4.280E+002
20	3.698E+002	3.912E+002	4.129E+002
21	3.576E+002	3.780E+002	3.985E+002
22	3.459E+002	3.653E+002	3.847E+002
23	3.347E+002	3.530E+002	3.714E+002
24	3.239E+002	3.413E+002	3.587E+002
25	3.135E+002	3.300E+002	3.465E+002
26	3.029E+002	3.192E+002	3.354E+002
27	2.927E+002	3.087E+002	3.248E+002
28	2.829E+002	2.987E+002	3.146E+002
29	2.735E+002	2.890E+002	3.047E+002
30	2.645E+002	2.798E+002	2.952E+002
31	2.558E+002	2.708E+002	2.861E+002
32	2.474E+002	2.623E+002	2.773E+002
33	2.394E+002	2.540E+002	2.688E+002
34	2.317E+002	2.460E+002	2.606E+002
35	2.242E+002	2.384E+002	2.528E+002
36	2.171E+002	2.310E+002	2.452E+002
37	2.102E+002	2.239E+002	2.378E+002
38	2.036E+002	2.170E+002	2.308E+002
39	1.972E+002	2.104E+002	2.240E+002
40	1.911E+002	2.041E+002	2.174E+002

