

## NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN20-2S101J [T, B]

RESISTANCE (at25°C)	100 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	2750 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.031E+003	1.172E+003	1.329E+003
-39	9.856E+002	1.119E+003	1.267E+003
-38	9.429E+002	1.069E+003	1.209E+003
-37	9.024E+002	1.021E+003	1.153E+003
-36	8.639E+002	9.765E+002	1.101E+003
-35	8.273E+002	9.337E+002	1.051E+003
-34	7.925E+002	8.932E+002	1.004E+003
-33	7.594E+002	8.546E+002	9.594E+002
-32	7.279E+002	8.180E+002	9.170E+002
-31	6.979E+002	7.832E+002	8.767E+002
-30	6.694E+002	7.501E+002	8.385E+002
-29	6.424E+002	7.189E+002	8.025E+002
-28	6.167E+002	6.892E+002	7.682E+002
-27	5.921E+002	6.608E+002	7.356E+002
-26	5.686E+002	6.337E+002	7.044E+002
-25	5.461E+002	6.078E+002	6.748E+002
-24	5.246E+002	5.831E+002	6.465E+002
-23	5.040E+002	5.595E+002	6.195E+002
-22	4.843E+002	5.369E+002	5.937E+002
-21	4.655E+002	5.154E+002	5.692E+002
-20	4.475E+002	4.948E+002	5.458E+002
-19	4.302E+002	4.751E+002	5.233E+002
-18	4.137E+002	4.562E+002	5.019E+002
-17	3.979E+002	4.382E+002	4.815E+002
-16	3.828E+002	4.211E+002	4.621E+002
-15	3.683E+002	4.047E+002	4.435E+002
-14	3.545E+002	3.890E+002	4.258E+002
-13	3.413E+002	3.741E+002	4.090E+002
-12	3.286E+002	3.598E+002	3.929E+002
-11	3.165E+002	3.461E+002	3.775E+002
-10	3.050E+002	3.331E+002	3.628E+002
-9	2.939E+002	3.206E+002	3.488E+002
-8	2.832E+002	3.086E+002	3.354E+002
-7	2.731E+002	2.972E+002	3.226E+002
-6	2.633E+002	2.862E+002	3.103E+002
-5	2.540E+002	2.758E+002	2.987E+002
-4	2.450E+002	2.657E+002	2.875E+002
-3	2.365E+002	2.561E+002	2.768E+002
-2	2.282E+002	2.469E+002	2.665E+002
-1	2.203E+002	2.381E+002	2.567E+002
0	2.128E+002	2.297E+002	2.474E+002

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	2.128E+002	2.297E+002	2.474E+002
1	2.055E+002	2.216E+002	2.384E+002
2	1.985E+002	2.138E+002	2.298E+002
3	1.918E+002	2.064E+002	2.215E+002
4	1.854E+002	1.993E+002	2.137E+002
5	1.792E+002	1.924E+002	2.061E+002
6	1.733E+002	1.859E+002	1.989E+002
7	1.676E+002	1.795E+002	1.919E+002
8	1.621E+002	1.735E+002	1.852E+002
9	1.568E+002	1.677E+002	1.789E+002
10	1.518E+002	1.621E+002	1.727E+002
11	1.469E+002	1.568E+002	1.669E+002
12	1.422E+002	1.516E+002	1.612E+002
13	1.377E+002	1.467E+002	1.558E+002
14	1.334E+002	1.419E+002	1.506E+002
15	1.292E+002	1.373E+002	1.456E+002
16	1.252E+002	1.329E+002	1.408E+002
17	1.213E+002	1.287E+002	1.362E+002
18	1.176E+002	1.246E+002	1.317E+002
19	1.140E+002	1.207E+002	1.274E+002
20	1.105E+002	1.169E+002	1.233E+002
21	1.072E+002	1.133E+002	1.194E+002
22	1.040E+002	1.098E+002	1.156E+002
23	1.009E+002	1.064E+002	1.119E+002
24	9.788E+001	1.031E+002	1.084E+002
25	9.500E+001	1.000E+002	1.050E+002
26	9.205E+001	9.698E+001	1.019E+002
27	8.920E+001	9.407E+001	9.896E+001
28	8.646E+001	9.127E+001	9.609E+001
29	8.382E+001	8.856E+001	9.333E+001
30	8.128E+001	8.595E+001	9.066E+001
31	7.883E+001	8.343E+001	8.808E+001
32	7.646E+001	8.100E+001	8.559E+001
33	7.419E+001	7.866E+001	8.319E+001
34	7.199E+001	7.639E+001	8.087E+001
35	6.987E+001	7.421E+001	7.862E+001
36	6.782E+001	7.210E+001	7.645E+001
37	6.585E+001	7.006E+001	7.435E+001
38	6.394E+001	6.809E+001	7.233E+001
39	6.210E+001	6.619E+001	7.036E+001
40	6.033E+001	6.435E+001	6.847E+001

