

## NTC THERMISTOR R-T CHARACTERISTICS

TYPE TS03-2S300J[D, B]

RESISTANCE (at25°C)	30 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	2750 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	3.165E+002	3.598E+002	4.081E+002
-39	3.023E+002	3.432E+002	3.887E+002
-38	2.889E+002	3.275E+002	3.703E+002
-37	2.762E+002	3.126E+002	3.530E+002
-36	2.641E+002	2.985E+002	3.365E+002
-35	2.526E+002	2.851E+002	3.210E+002
-34	2.417E+002	2.724E+002	3.062E+002
-33	2.314E+002	2.604E+002	2.923E+002
-32	2.215E+002	2.489E+002	2.790E+002
-31	2.122E+002	2.381E+002	2.665E+002
-30	2.033E+002	2.278E+002	2.546E+002
-29	1.948E+002	2.180E+002	2.433E+002
-28	1.867E+002	2.087E+002	2.326E+002
-27	1.790E+002	1.998E+002	2.224E+002
-26	1.717E+002	1.914E+002	2.128E+002
-25	1.648E+002	1.834E+002	2.036E+002
-24	1.582E+002	1.758E+002	1.949E+002
-23	1.518E+002	1.685E+002	1.866E+002
-22	1.458E+002	1.616E+002	1.787E+002
-21	1.401E+002	1.551E+002	1.712E+002
-20	1.346E+002	1.488E+002	1.641E+002
-19	1.294E+002	1.428E+002	1.573E+002
-18	1.244E+002	1.372E+002	1.509E+002
-17	1.196E+002	1.317E+002	1.447E+002
-16	1.150E+002	1.266E+002	1.389E+002
-15	1.107E+002	1.216E+002	1.333E+002
-14	1.065E+002	1.169E+002	1.280E+002
-13	1.025E+002	1.124E+002	1.229E+002
-12	9.874E+001	1.081E+002	1.180E+002
-11	9.510E+001	1.040E+002	1.134E+002
-10	9.161E+001	1.000E+002	1.090E+002
-9	8.828E+001	9.629E+001	1.048E+002
-8	8.508E+001	9.270E+001	1.007E+002
-7	8.202E+001	8.926E+001	9.689E+001
-6	7.909E+001	8.597E+001	9.321E+001
-5	7.628E+001	8.282E+001	8.970E+001
-4	7.359E+001	7.981E+001	8.633E+001
-3	7.101E+001	7.692E+001	8.312E+001
-2	6.854E+001	7.416E+001	8.004E+001
-1	6.616E+001	7.151E+001	7.710E+001
0	6.389E+001	6.897E+001	7.428E+001

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	6.389E+001	6.897E+001	7.428E+001
1	6.170E+001	6.654E+001	7.158E+001
2	5.960E+001	6.421E+001	6.900E+001
3	5.759E+001	6.197E+001	6.652E+001
4	5.566E+001	5.983E+001	6.415E+001
5	5.380E+001	5.777E+001	6.188E+001
6	5.202E+001	5.580E+001	5.970E+001
7	5.030E+001	5.390E+001	5.761E+001
8	4.866E+001	5.208E+001	5.561E+001
9	4.708E+001	5.034E+001	5.369E+001
10	4.555E+001	4.866E+001	5.185E+001
11	4.409E+001	4.705E+001	5.008E+001
12	4.268E+001	4.550E+001	4.838E+001
13	4.133E+001	4.401E+001	4.675E+001
14	4.003E+001	4.258E+001	4.519E+001
15	3.877E+001	4.121E+001	4.368E+001
16	3.756E+001	3.988E+001	4.224E+001
17	3.640E+001	3.861E+001	4.085E+001
18	3.528E+001	3.739E+001	3.952E+001
19	3.420E+001	3.621E+001	3.823E+001
20	3.316E+001	3.507E+001	3.700E+001
21	3.216E+001	3.398E+001	3.581E+001
22	3.119E+001	3.293E+001	3.467E+001
23	3.026E+001	3.192E+001	3.357E+001
24	2.937E+001	3.094E+001	3.252E+001
25	2.850E+001	3.000E+001	3.150E+001
26	2.761E+001	2.909E+001	3.058E+001
27	2.676E+001	2.822E+001	2.969E+001
28	2.594E+001	2.738E+001	2.883E+001
29	2.515E+001	2.657E+001	2.800E+001
30	2.438E+001	2.578E+001	2.719E+001
31	2.364E+001	2.503E+001	2.642E+001
32	2.294E+001	2.430E+001	2.567E+001
33	2.225E+001	2.359E+001	2.495E+001
34	2.159E+001	2.291E+001	2.425E+001
35	2.095E+001	2.226E+001	2.358E+001
36	2.034E+001	2.162E+001	2.293E+001
37	1.975E+001	2.101E+001	2.230E+001
38	1.917E+001	2.042E+001	2.169E+001
39	1.862E+001	1.985E+001	2.110E+001
40	1.809E+001	1.930E+001	2.053E+001

