

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TS03-2S250J[D, B]

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

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	2.637E+002	2.999E+002	3.401E+002
-39	2.519E+002	2.860E+002	3.239E+002
-38	2.408E+002	2.729E+002	3.086E+002
-37	2.301E+002	2.605E+002	2.941E+002
-36	2.201E+002	2.487E+002	2.804E+002
-35	2.105E+002	2.376E+002	2.675E+002
-34	2.014E+002	2.270E+002	2.552E+002
-33	1.928E+002	2.170E+002	2.436E+002
-32	1.846E+002	2.074E+002	2.325E+002
-31	1.768E+002	1.984E+002	2.221E+002
-30	1.694E+002	1.898E+002	2.122E+002
-29	1.623E+002	1.816E+002	2.028E+002
-28	1.556E+002	1.739E+002	1.938E+002
-27	1.492E+002	1.665E+002	1.854E+002
-26	1.431E+002	1.595E+002	1.773E+002
-25	1.373E+002	1.528E+002	1.697E+002
-24	1.318E+002	1.465E+002	1.624E+002
-23	1.265E+002	1.404E+002	1.555E+002
-22	1.215E+002	1.347E+002	1.489E+002
-21	1.167E+002	1.292E+002	1.427E+002
-20	1.121E+002	1.240E+002	1.368E+002
-19	1.078E+002	1.190E+002	1.311E+002
-18	1.036E+002	1.143E+002	1.257E+002
-17	9.966E+001	1.098E+002	1.206E+002
-16	9.587E+001	1.055E+002	1.157E+002
-15	9.224E+001	1.013E+002	1.111E+002
-14	8.877E+001	9.742E+001	1.066E+002
-13	8.546E+001	9.366E+001	1.024E+002
-12	8.228E+001	9.008E+001	9.836E+001
-11	7.925E+001	8.665E+001	9.451E+001
-10	7.634E+001	8.337E+001	9.082E+001
-9	7.356E+001	8.024E+001	8.731E+001
-8	7.090E+001	7.725E+001	8.395E+001
-7	6.835E+001	7.438E+001	8.074E+001
-6	6.591E+001	7.164E+001	7.768E+001
-5	6.357E+001	6.902E+001	7.475E+001
-4	6.133E+001	6.651E+001	7.195E+001
-3	5.918E+001	6.410E+001	6.927E+001
-2	5.711E+001	6.180E+001	6.670E+001
-1	5.514E+001	5.959E+001	6.425E+001
0	5.324E+001	5.748E+001	6.190E+001

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	5.324E+001	5.748E+001	6.190E+001
1	5.142E+001	5.545E+001	5.965E+001
2	4.967E+001	5.351E+001	5.750E+001
3	4.799E+001	5.164E+001	5.543E+001
4	4.638E+001	4.986E+001	5.346E+001
5	4.483E+001	4.814E+001	5.156E+001
6	4.335E+001	4.650E+001	4.975E+001
7	4.192E+001	4.492E+001	4.801E+001
8	4.055E+001	4.340E+001	4.634E+001
9	3.923E+001	4.195E+001	4.474E+001
10	3.796E+001	4.055E+001	4.321E+001
11	3.674E+001	3.921E+001	4.173E+001
12	3.557E+001	3.792E+001	4.032E+001
13	3.444E+001	3.668E+001	3.896E+001
14	3.335E+001	3.548E+001	3.766E+001
15	3.231E+001	3.434E+001	3.640E+001
16	3.130E+001	3.324E+001	3.520E+001
17	3.033E+001	3.218E+001	3.404E+001
18	2.940E+001	3.115E+001	3.293E+001
19	2.850E+001	3.017E+001	3.186E+001
20	2.764E+001	2.923E+001	3.083E+001
21	2.680E+001	2.832E+001	2.985E+001
22	2.600E+001	2.744E+001	2.889E+001
23	2.522E+001	2.660E+001	2.798E+001
24	2.447E+001	2.578E+001	2.710E+001
25	2.375E+001	2.500E+001	2.625E+001
26	2.301E+001	2.424E+001	2.548E+001
27	2.230E+001	2.352E+001	2.474E+001
28	2.161E+001	2.281E+001	2.402E+001
29	2.095E+001	2.214E+001	2.333E+001
30	2.032E+001	2.149E+001	2.266E+001
31	1.970E+001	2.085E+001	2.202E+001
32	1.911E+001	2.025E+001	2.139E+001
33	1.854E+001	1.966E+001	2.079E+001
34	1.799E+001	1.909E+001	2.021E+001
35	1.746E+001	1.855E+001	1.965E+001
36	1.695E+001	1.802E+001	1.911E+001
37	1.646E+001	1.751E+001	1.858E+001
38	1.598E+001	1.702E+001	1.807E+001
39	1.552E+001	1.654E+001	1.758E+001
40	1.507E+001	1.608E+001	1.711E+001

