

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN05-4W205J [R, B]

RESISTANCE (at25°C)	2000000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	4950 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.207E+008	1.459E+008	1.761E+008
-39	1.124E+008	1.355E+008	1.630E+008
-38	1.046E+008	1.258E+008	1.510E+008
-37	9.740E+007	1.169E+008	1.398E+008
-36	9.070E+007	1.085E+008	1.295E+008
-35	8.447E+007	1.008E+008	1.200E+008
-34	7.867E+007	9.364E+007	1.112E+008
-33	7.328E+007	8.700E+007	1.030E+008
-32	6.827E+007	8.084E+007	9.548E+007
-31	6.360E+007	7.512E+007	8.851E+007
-30	5.927E+007	6.983E+007	8.206E+007
-29	5.522E+007	6.490E+007	7.608E+007
-28	5.147E+007	6.034E+007	7.056E+007
-27	4.798E+007	5.611E+007	6.545E+007
-26	4.473E+007	5.218E+007	6.072E+007
-25	4.172E+007	4.855E+007	5.635E+007
-24	3.891E+007	4.517E+007	5.231E+007
-23	3.630E+007	4.205E+007	4.858E+007
-22	3.388E+007	3.915E+007	4.512E+007
-21	3.162E+007	3.646E+007	4.192E+007
-20	2.953E+007	3.396E+007	3.896E+007
-19	2.756E+007	3.163E+007	3.620E+007
-18	2.574E+007	2.947E+007	3.365E+007
-17	2.405E+007	2.747E+007	3.130E+007
-16	2.248E+007	2.561E+007	2.912E+007
-15	2.101E+007	2.389E+007	2.710E+007
-14	1.965E+007	2.230E+007	2.523E+007
-13	1.839E+007	2.082E+007	2.351E+007
-12	1.721E+007	1.944E+007	2.190E+007
-11	1.611E+007	1.816E+007	2.042E+007
-10	1.509E+007	1.697E+007	1.904E+007
-9	1.414E+007	1.587E+007	1.777E+007
-8	1.325E+007	1.484E+007	1.658E+007
-7	1.243E+007	1.389E+007	1.548E+007
-6	1.166E+007	1.300E+007	1.446E+007
-5	1.094E+007	1.217E+007	1.352E+007
-4	1.027E+007	1.140E+007	1.263E+007
-3	9.641E+006	1.069E+007	1.181E+007
-2	9.056E+006	1.002E+007	1.105E+007
-1	8.509E+006	9.394E+006	1.034E+007
0	7.999E+006	8.812E+006	9.684E+006

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	7.999E+006	8.812E+006	9.684E+006
1	7.521E+006	8.269E+006	9.070E+006
2	7.074E+006	7.763E+006	8.497E+006
3	6.656E+006	7.290E+006	7.964E+006
4	6.265E+006	6.848E+006	7.467E+006
5	5.899E+006	6.436E+006	7.004E+006
6	5.557E+006	6.051E+006	6.572E+006
7	5.236E+006	5.690E+006	6.169E+006
8	4.935E+006	5.354E+006	5.793E+006
9	4.653E+006	5.039E+006	5.442E+006
10	4.389E+006	4.744E+006	5.114E+006
11	4.142E+006	4.468E+006	4.808E+006
12	3.909E+006	4.210E+006	4.522E+006
13	3.691E+006	3.967E+006	4.254E+006
14	3.486E+006	3.741E+006	4.003E+006
15	3.294E+006	3.528E+006	3.769E+006
16	3.113E+006	3.328E+006	3.549E+006
17	2.943E+006	3.141E+006	3.344E+006
18	2.783E+006	2.965E+006	3.151E+006
19	2.633E+006	2.800E+006	2.971E+006
20	2.492E+006	2.645E+006	2.801E+006
21	2.359E+006	2.500E+006	2.643E+006
22	2.234E+006	2.363E+006	2.494E+006
23	2.116E+006	2.235E+006	2.354E+006
24	2.005E+006	2.114E+006	2.223E+006
25	1.900E+006	2.000E+006	2.100E+006
26	1.795E+006	1.893E+006	1.991E+006
27	1.697E+006	1.792E+006	1.888E+006
28	1.605E+006	1.698E+006	1.791E+006
29	1.518E+006	1.608E+006	1.700E+006
30	1.436E+006	1.524E+006	1.614E+006
31	1.359E+006	1.445E+006	1.532E+006
32	1.287E+006	1.370E+006	1.455E+006
33	1.219E+006	1.299E+006	1.382E+006
34	1.154E+006	1.233E+006	1.314E+006
35	1.094E+006	1.170E+006	1.249E+006
36	1.037E+006	1.111E+006	1.187E+006
37	9.831E+005	1.055E+006	1.129E+006
38	9.324E+005	1.002E+006	1.074E+006
39	8.847E+005	9.523E+005	1.022E+006
40	8.396E+005	9.051E+005	9.733E+005

