

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TC20-4C302J [T, B]

RESISTANCE (at25°C)	3000 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	4100 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.251E+005	1.477E+005	1.740E+005
-39	1.162E+005	1.369E+005	1.609E+005
-38	1.080E+005	1.270E+005	1.489E+005
-37	1.005E+005	1.179E+005	1.379E+005
-36	9.353E+004	1.095E+005	1.278E+005
-35	8.710E+004	1.017E+005	1.185E+005
-34	8.117E+004	9.460E+004	1.100E+005
-33	7.568E+004	8.801E+004	1.021E+005
-32	7.061E+004	8.194E+004	9.484E+004
-31	6.591E+004	7.632E+004	8.816E+004
-30	6.156E+004	7.113E+004	8.199E+004
-29	5.754E+004	6.635E+004	7.632E+004
-28	5.380E+004	6.192E+004	7.108E+004
-27	5.034E+004	5.781E+004	6.623E+004
-26	4.712E+004	5.400E+004	6.174E+004
-25	4.412E+004	5.047E+004	5.759E+004
-24	4.134E+004	4.719E+004	5.374E+004
-23	3.875E+004	4.414E+004	5.017E+004
-22	3.633E+004	4.132E+004	4.686E+004
-21	3.409E+004	3.869E+004	4.380E+004
-20	3.199E+004	3.624E+004	4.095E+004
-19	3.004E+004	3.396E+004	3.830E+004
-18	2.822E+004	3.184E+004	3.584E+004
-17	2.652E+004	2.987E+004	3.356E+004
-16	2.494E+004	2.803E+004	3.144E+004
-15	2.346E+004	2.632E+004	2.946E+004
-14	2.208E+004	2.473E+004	2.763E+004
-13	2.079E+004	2.324E+004	2.592E+004
-12	1.958E+004	2.185E+004	2.432E+004
-11	1.845E+004	2.055E+004	2.284E+004
-10	1.740E+004	1.934E+004	2.146E+004
-9	1.641E+004	1.821E+004	2.017E+004
-8	1.548E+004	1.716E+004	1.896E+004
-7	1.462E+004	1.617E+004	1.784E+004
-6	1.380E+004	1.524E+004	1.679E+004
-5	1.304E+004	1.438E+004	1.581E+004
-4	1.233E+004	1.357E+004	1.489E+004
-3	1.166E+004	1.281E+004	1.404E+004
-2	1.103E+004	1.210E+004	1.323E+004
-1	1.044E+004	1.143E+004	1.248E+004
0	9.884E+003	1.080E+004	1.178E+004

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	9.884E+003	1.080E+004	1.178E+004
1	9.362E+003	1.022E+004	1.112E+004
2	8.872E+003	9.667E+003	1.051E+004
3	8.411E+003	9.149E+003	9.928E+003
4	7.976E+003	8.663E+003	9.385E+003
5	7.567E+003	8.205E+003	8.875E+003
6	7.181E+003	7.775E+003	8.396E+003
7	6.818E+003	7.370E+003	7.946E+003
8	6.476E+003	6.989E+003	7.523E+003
9	6.152E+003	6.630E+003	7.126E+003
10	5.848E+003	6.291E+003	6.752E+003
11	5.560E+003	5.973E+003	6.400E+003
12	5.288E+003	5.672E+003	6.069E+003
13	5.032E+003	5.389E+003	5.757E+003
14	4.789E+003	5.122E+003	5.463E+003
15	4.560E+003	4.869E+003	5.187E+003
16	4.344E+003	4.632E+003	4.926E+003
17	4.139E+003	4.407E+003	4.680E+003
18	3.946E+003	4.195E+003	4.448E+003
19	3.763E+003	3.994E+003	4.230E+003
20	3.589E+003	3.805E+003	4.023E+003
21	3.425E+003	3.626E+003	3.828E+003
22	3.269E+003	3.456E+003	3.644E+003
23	3.122E+003	3.296E+003	3.470E+003
24	2.982E+003	3.144E+003	3.306E+003
25	2.850E+003	3.000E+003	3.150E+003
26	2.717E+003	2.864E+003	3.011E+003
27	2.591E+003	2.735E+003	2.879E+003
28	2.472E+003	2.612E+003	2.754E+003
29	2.359E+003	2.496E+003	2.636E+003
30	2.252E+003	2.386E+003	2.523E+003
31	2.150E+003	2.282E+003	2.415E+003
32	2.054E+003	2.183E+003	2.313E+003
33	1.963E+003	2.088E+003	2.217E+003
34	1.876E+003	1.999E+003	2.124E+003
35	1.794E+003	1.914E+003	2.036E+003
36	1.716E+003	1.833E+003	1.953E+003
37	1.642E+003	1.756E+003	1.873E+003
38	1.571E+003	1.683E+003	1.798E+003
39	1.505E+003	1.613E+003	1.726E+003
40	1.441E+003	1.547E+003	1.657E+003

