

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TN20-3C471J [T, B]

RESISTANCE (at25°C)	470 Ω	R-TOLERANCE (±)	5 %
B-VALUE (25/50°C)	3100 K	B-TOLERANCE (±)	3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	6.766E+003	7.769E+003	8.899E+003
-39	6.425E+003	7.365E+003	8.422E+003
-38	6.104E+003	6.985E+003	7.973E+003
-37	5.800E+003	6.627E+003	7.552E+003
-36	5.514E+003	6.289E+003	7.156E+003
-35	5.244E+003	5.972E+003	6.783E+003
-34	4.989E+003	5.672E+003	6.432E+003
-33	4.748E+003	5.389E+003	6.101E+003
-32	4.520E+003	5.122E+003	5.790E+003
-31	4.305E+003	4.870E+003	5.496E+003
-30	4.101E+003	4.633E+003	5.220E+003
-29	3.908E+003	4.408E+003	4.959E+003
-28	3.726E+003	4.196E+003	4.713E+003
-27	3.553E+003	3.995E+003	4.481E+003
-26	3.390E+003	3.805E+003	4.261E+003
-25	3.235E+003	3.626E+003	4.054E+003
-24	3.088E+003	3.456E+003	3.858E+003
-23	2.949E+003	3.295E+003	3.673E+003
-22	2.816E+003	3.143E+003	3.498E+003
-21	2.691E+003	2.999E+003	3.333E+003
-20	2.572E+003	2.862E+003	3.176E+003
-19	2.459E+003	2.732E+003	3.028E+003
-18	2.352E+003	2.609E+003	2.887E+003
-17	2.250E+003	2.492E+003	2.754E+003
-16	2.153E+003	2.382E+003	2.628E+003
-15	2.061E+003	2.277E+003	2.509E+003
-14	1.973E+003	2.177E+003	2.396E+003
-13	1.890E+003	2.082E+003	2.288E+003
-12	1.811E+003	1.992E+003	2.187E+003
-11	1.736E+003	1.907E+003	2.090E+003
-10	1.664E+003	1.826E+003	1.998E+003
-9	1.596E+003	1.749E+003	1.911E+003
-8	1.531E+003	1.676E+003	1.829E+003
-7	1.469E+003	1.606E+003	1.751E+003
-6	1.410E+003	1.539E+003	1.676E+003
-5	1.354E+003	1.476E+003	1.605E+003
-4	1.300E+003	1.416E+003	1.537E+003
-3	1.249E+003	1.358E+003	1.473E+003
-2	1.200E+003	1.303E+003	1.412E+003
-1	1.153E+003	1.251E+003	1.353E+003
0	1.109E+003	1.201E+003	1.297E+003

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	1.109E+003	1.201E+003	1.297E+003
1	1.066E+003	1.153E+003	1.244E+003
2	1.025E+003	1.108E+003	1.194E+003
3	9.862E+002	1.064E+003	1.146E+003
4	9.489E+002	1.023E+003	1.100E+003
5	9.133E+002	9.832E+002	1.056E+003
6	8.792E+002	9.454E+002	1.014E+003
7	8.467E+002	9.093E+002	9.741E+002
8	8.155E+002	8.748E+002	9.360E+002
9	7.857E+002	8.418E+002	8.996E+002
10	7.571E+002	8.102E+002	8.649E+002
11	7.298E+002	7.801E+002	8.318E+002
12	7.036E+002	7.512E+002	8.001E+002
13	6.785E+002	7.236E+002	7.698E+002
14	6.545E+002	6.972E+002	7.409E+002
15	6.314E+002	6.719E+002	7.132E+002
16	6.093E+002	6.477E+002	6.867E+002
17	5.881E+002	6.244E+002	6.613E+002
18	5.678E+002	6.022E+002	6.370E+002
19	5.483E+002	5.808E+002	6.138E+002
20	5.296E+002	5.604E+002	5.916E+002
21	5.116E+002	5.408E+002	5.702E+002
22	4.943E+002	5.220E+002	5.498E+002
23	4.777E+002	5.039E+002	5.302E+002
24	4.618E+002	4.866E+002	5.115E+002
25	4.465E+002	4.700E+002	4.935E+002
26	4.309E+002	4.540E+002	4.772E+002
27	4.159E+002	4.387E+002	4.616E+002
28	4.016E+002	4.240E+002	4.466E+002
29	3.878E+002	4.099E+002	4.322E+002
30	3.746E+002	3.963E+002	4.183E+002
31	3.618E+002	3.832E+002	4.049E+002
32	3.496E+002	3.707E+002	3.920E+002
33	3.379E+002	3.586E+002	3.796E+002
34	3.266E+002	3.470E+002	3.677E+002
35	3.158E+002	3.358E+002	3.562E+002
36	3.054E+002	3.250E+002	3.451E+002
37	2.954E+002	3.147E+002	3.344E+002
38	2.857E+002	3.047E+002	3.242E+002
39	2.765E+002	2.951E+002	3.143E+002
40	2.676E+002	2.859E+002	3.047E+002

