

NTC THERMISTOR R-T CHARACTERISTICS

TYPE TX03-3H103F [D, B]

RESISTANCE (at25°C)	10000 Ω	R-TOLERANCE (±)	1 %
B-VALUE (25/50°C)	3380 K	B-TOLERANCE (±)	0.3 %

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
-40	1.9326E+05	1.9707E+05	2.0094E+05
-39	1.8317E+05	1.8675E+05	1.9038E+05
-38	1.7365E+05	1.7701E+05	1.8042E+05
-37	1.6466E+05	1.6781E+05	1.7101E+05
-36	1.5617E+05	1.5914E+05	1.6214E+05
-35	1.4816E+05	1.5094E+05	1.5376E+05
-34	1.4059E+05	1.4320E+05	1.4585E+05
-33	1.3343E+05	1.3589E+05	1.3838E+05
-32	1.2667E+05	1.2899E+05	1.3133E+05
-31	1.2029E+05	1.2246E+05	1.2466E+05
-30	1.1425E+05	1.1629E+05	1.1836E+05
-29	1.0854E+05	1.1046E+05	1.1241E+05
-28	1.0314E+05	1.0495E+05	1.0678E+05
-27	9.8028E+04	9.9732E+04	1.0146E+05
-26	9.3196E+04	9.4800E+04	9.6423E+04
-25	8.8625E+04	9.0136E+04	9.1663E+04
-24	8.4299E+04	8.5722E+04	8.7160E+04
-23	8.0204E+04	8.1544E+04	8.2899E+04
-22	7.6327E+04	7.7590E+04	7.8867E+04
-21	7.2656E+04	7.3847E+04	7.5049E+04
-20	6.9179E+04	7.0301E+04	7.1435E+04
-19	6.5879E+04	6.6938E+04	6.8006E+04
-18	6.2754E+04	6.3753E+04	6.4760E+04
-17	5.9794E+04	6.0736E+04	6.1686E+04
-16	5.6989E+04	5.7877E+04	5.8774E+04
-15	5.4329E+04	5.5168E+04	5.6014E+04
-14	5.1808E+04	5.2600E+04	5.3399E+04
-13	4.9417E+04	5.0165E+04	5.0919E+04
-12	4.7149E+04	4.7855E+04	4.8567E+04
-11	4.4997E+04	4.5664E+04	4.6337E+04
-10	4.2954E+04	4.3585E+04	4.4220E+04
-9	4.1017E+04	4.1613E+04	4.2213E+04
-8	3.9176E+04	3.9740E+04	4.0307E+04
-7	3.7428E+04	3.7961E+04	3.8497E+04
-6	3.5766E+04	3.6271E+04	3.6778E+04
-5	3.4187E+04	3.4664E+04	3.5144E+04
-4	3.2686E+04	3.3137E+04	3.3592E+04
-3	3.1258E+04	3.1686E+04	3.2115E+04
-2	2.9901E+04	3.0305E+04	3.0712E+04
-1	2.8609E+04	2.8992E+04	2.9377E+04
0	2.7380E+04	2.7743E+04	2.8107E+04

T (°C)	Rmin (Ω)	Rnom (Ω)	Rmax (Ω)
0	2.7380E+04	2.7743E+04	2.8107E+04
1	2.6209E+04	2.6552E+04	2.6898E+04
2	2.5094E+04	2.5420E+04	2.5747E+04
3	2.4034E+04	2.4342E+04	2.4652E+04
4	2.3024E+04	2.3316E+04	2.3610E+04
5	2.2062E+04	2.2340E+04	2.2618E+04
6	2.1146E+04	2.1409E+04	2.1673E+04
7	2.0273E+04	2.0523E+04	2.0773E+04
8	1.9441E+04	1.9678E+04	1.9916E+04
9	1.8648E+04	1.8873E+04	1.9099E+04
10	1.7892E+04	1.8106E+04	1.8320E+04
11	1.7171E+04	1.7374E+04	1.7577E+04
12	1.6483E+04	1.6675E+04	1.6868E+04
13	1.5826E+04	1.6009E+04	1.6192E+04
14	1.5200E+04	1.5373E+04	1.5547E+04
15	1.4601E+04	1.4766E+04	1.4932E+04
16	1.4030E+04	1.4187E+04	1.4344E+04
17	1.3484E+04	1.3633E+04	1.3782E+04
18	1.2963E+04	1.3104E+04	1.3246E+04
19	1.2464E+04	1.2599E+04	1.2734E+04
20	1.1988E+04	1.2116E+04	1.2244E+04
21	1.1532E+04	1.1654E+04	1.1776E+04
22	1.1097E+04	1.1213E+04	1.1329E+04
23	1.0680E+04	1.0790E+04	1.0901E+04
24	1.0281E+04	1.0386E+04	1.0492E+04
25	9.9000E+03	1.0000E+04	1.0100E+04
26	9.5328E+03	9.6302E+03	9.7276E+03
27	9.1813E+03	9.2761E+03	9.3710E+03
28	8.8448E+03	8.9371E+03	9.0296E+03
29	8.5225E+03	8.6125E+03	8.7025E+03
30	8.2139E+03	8.3015E+03	8.3892E+03
31	7.9182E+03	8.0035E+03	8.0890E+03
32	7.6349E+03	7.7180E+03	7.8013E+03
33	7.3633E+03	7.4443E+03	7.5254E+03
34	7.1029E+03	7.1818E+03	7.2609E+03
35	6.8533E+03	6.9301E+03	7.0072E+03
36	6.6138E+03	6.6887E+03	6.7637E+03
37	6.3840E+03	6.4570E+03	6.5302E+03
38	6.1636E+03	6.2347E+03	6.3060E+03
39	5.9520E+03	6.0213E+03	6.0908E+03
40	5.7489E+03	5.8164E+03	5.8842E+03

