



SM NTC Thermistor 1206, 100K

R-T CONVERSION TABLE  
R25: 100K $\Omega$  ( Tolerance 5%)  
R25/50:3950K ( Tolerance 3%)

T(°C)	Rmin.(k $\Omega$ )	Rnom.(k $\Omega$ )	Rmax.(k $\Omega$ )	T(°C)	Rmin.(k $\Omega$ )	Rnom.(k $\Omega$ )	Rmax.(k $\Omega$ )
-40	03417	04019	04714	0	308.0	336.2	366.1
-39	03186	03738	04375	1	292.6	318.9	346.7
-38	02971	03479	04064	2	278.1	302.7	328.5
-37	02773	03240	03777	3	264.5	287.3	311.4
-36	02590	03020	03512	4	251.5	272.9	295.3
-35	02420	02816	03268	5	239.3	259.2	280.1
-34	02263	02627	03043	6	227.8	246.4	265.8
-33	02117	02452	02835	7	216.9	234.3	252.3
-32	01981	02291	02642	8	206.6	222.8	239.6
-31	01855	02141	02464	9	196.9	212.0	227.6
-30	01738	02002	02300	10	187.7	201.7	216.3
-29	01630	01873	02148	11	178.9	192.1	205.7
-28	01529	01754	02006	12	170.7	182.9	195.6
-27	01435	01642	01876	13	162.8	174.3	186.1
-26	01347	01539	01754	14	155.4	166.1	177.1
-25	01265	01443	01642	15	148.4	158.4	168.6
-24	01189	01354	01537	16	141.7	151.0	160.6
-23	01119	01271	01440	17	135.4	144.1	153.0
-22	01052	01193	01350	18	129.4	137.5	145.8
-21	990.6	01121	01266	19	123.7	131.3	139.0
-20	932.9	01054	01188	20	118.3	125.4	132.5
-19	878.9	991.1	01115	21	113.1	119.7	126.4
-18	828.5	932.5	01047	22	108.3	114.4	120.6
-17	781.3	877.8	983.8	23	103.6	109.4	115.1
-16	737.2	826.7	924.9	24	99.20	104.6	109.9
-15	695.8	779.0	869.9	25	95.00	100.0	105.0
-14	657.1	734.3	818.6	26	90.76	95.67	100.6
-13	620.8	692.5	770.6	27	86.74	91.55	96.38
-12	586.8	653.4	725.8	28	82.93	87.64	92.38
-11	554.8	616.8	684.0	29	79.30	83.91	88.57
-10	524.8	582.5	644.8	30	75.85	80.37	84.95
-9	496.7	550.3	608.1	31	72.58	77.00	81.49
-8	470.3	520.1	573.8	32	69.47	73.79	78.19
-7	445.4	491.8	541.7	33	66.51	70.74	75.05
-6	422.0	465.2	511.5	34	63.69	67.83	72.05
-5	400.1	440.3	483.3	35	61.01	65.06	69.19
-4	379.4	416.8	456.8	36	58.46	62.41	66.47
-3	359.9	394.8	431.9	37	56.03	59.89	63.86
-2	341.6	374.0	408.6	38	53.72	57.49	61.38
-1	324.3	354.6	386.7	39	51.51	55.20	59.00

T (°C)	Rmin.(kΩ)	Rnom.(kΩ)	Rmax.(kΩ)	T (°C)	Rmin.(kΩ)	Rnom.(kΩ)	Rmax.(kΩ)
40	49.41	53.01	56.74	83	10.29	11.56	12.95
41	47.41	50.93	54.57	84	9.971	11.21	12.57
42	45.50	48.94	52.50	85	9.658	10.87	12.20
43	43.68	47.03	50.52	86	9.358	10.54	11.84
44	41.95	45.22	48.62	87	9.068	10.22	11.49
45	40.29	43.48	46.81	88	8.789	9.915	11.16
46	38.71	41.82	45.08	89	8.519	9.620	10.84
47	37.19	40.24	43.42	90	8.260	9.336	10.53
48	35.75	38.72	41.83	91	8.010	9.061	10.22
49	34.37	37.27	40.31	92	7.768	8.796	9.934
50	33.06	35.88	38.85	93	7.536	8.540	9.654
51	31.80	34.55	37.46	94	7.311	8.292	9.382
52	30.59	33.28	36.12	95	7.094	8.054	9.120
53	29.44	32.07	34.84	96	6.885	7.823	8.867
54	28.34	30.90	33.61	97	6.683	7.600	8.621
55	27.29	29.78	32.43	98	6.488	7.385	8.384
56	26.28	28.71	31.30	99	6.300	7.176	8.155
57	25.31	27.69	30.22	100	6.118	6.975	7.933
58	24.39	26.71	29.18	101	5.942	6.781	7.718
59	23.50	25.77	28.18	102	5.772	6.592	7.510
60	22.65	24.86	27.22	103	5.608	6.410	7.309
61	21.84	23.99	26.30	104	5.450	6.234	7.114
62	21.06	23.16	25.41	105	5.296	6.064	6.926
63	20.31	22.37	24.56	106	5.148	5.899	6.743
64	19.60	21.60	23.75	107	5.005	5.740	6.566
65	18.91	20.86	22.96	108	4.866	5.586	6.395
66	18.25	20.16	22.21	109	4.732	5.436	6.229
67	17.62	19.48	21.48	110	4.603	5.291	6.068
68	17.01	18.83	20.78	111	4.477	5.151	5.912
69	16.43	18.20	20.11	112	4.356	5.016	5.761
70	15.87	17.60	19.47	113	4.238	4.884	5.615
71	15.33	17.02	18.85	114	4.124	4.757	5.472
72	14.82	16.46	18.25	115	4.014	4.633	5.335
73	14.32	15.93	17.67	116	3.908	4.514	5.201
74	13.84	15.41	17.12	117	3.804	4.398	5.071
75	13.38	14.92	16.58	118	3.704	4.285	4.946
76	12.94	14.44	16.07	119	3.607	4.177	4.824
77	12.52	13.98	15.57	120	3.513	4.071	4.705
78	12.11	13.54	15.09	121	3.422	3.968	4.590
79	11.72	13.11	14.63	122	3.334	3.869	4.479
80	11.34	12.70	14.19	123	3.248	3.773	4.371
81	10.98	12.31	13.76	124	3.165	3.679	4.265
82	10.63	11.93	13.35	125	3.085	3.588	4.163