

Resistance vs temperature of a thermistor [Reference](#)
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Time (s)	Temperature (°C)	Temperature /K	1/T (K^-1)	Current (mA)	Voltage (V)	R /ohms	ln(R/ohms)	MODEL R /ohms
0.0	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.1	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.2	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.3	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.4	20.4	293	3.41E-03	3.099	1.961	633	6.45	684.72
0.5	20.4	293	3.41E-03	3.099	1.956	631	6.45	684.72
0.6	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.7	20.4	293	3.41E-03	2.770	1.961	708	6.56	684.72
0.8	20.4	293	3.41E-03	2.770	1.956	706	6.56	684.72
0.9	20.4	293	3.41E-03	3.099	1.956	631	6.45	684.72
1.0	20.5	294	3.41E-03	3.099	1.956	631	6.45	682.70
1.1	20.5	294	3.41E-03	3.099	1.956	631	6.45	682.70
1.2	20.5	294	3.41E-03	3.099	1.956	631	6.45	682.70
1.3	20.6	294	3.41E-03	2.770	1.956	706	6.56	680.69
1.4	20.6	294	3.41E-03	3.099	1.956	631	6.45	680.69
1.5	20.7	294	3.40E-03	3.099	1.956	631	6.45	678.68
1.6	20.7	294	3.40E-03	3.099	1.956	631	6.45	678.68
1.7	20.7	294	3.40E-03	3.099	1.956	631	6.45	678.68
1.8	20.8	294	3.40E-03	2.770	1.956	706	6.56	676.69
1.9	20.8	294	3.40E-03	3.099	1.956	631	6.45	676.69
2.0	20.9	294	3.40E-03	2.770	1.956	706	6.56	674.70
2.1	20.9	294	3.40E-03	3.099	1.956	631	6.45	674.70
2.2	20.9	294	3.40E-03	3.099	1.956	631	6.45	674.70
2.3	21.0	294	3.40E-03	2.770	1.956	706	6.56	672.71
2.4	21.0	294	3.40E-03	2.770	1.956	706	6.56	672.71
2.5	21.0	294	3.40E-03	3.099	1.956	631	6.45	672.71
2.6	21.0	294	3.40E-03	3.099	1.956	631	6.45	672.71
2.7	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
2.8	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
2.9	21.1	294	3.40E-03	3.099	1.956	631	6.45	670.74
3.0	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.1	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.2	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.3	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.4	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.5	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.6	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.7	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.8	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
3.9	21.1	294	3.40E-03	3.099	1.956	631	6.45	670.74
4.0	21.1	294	3.40E-03	2.770	1.956	706	6.56	670.74
4.1	21.1	294	3.40E-03	3.099	1.956	631	6.45	670.74

Boltzmann' constant /J/K k_B 1.380E-23
Electron charge / e 1.602E-19

Thermistor band gap energy /eV ε 0.219

