



TEMPERATURE VS. RESISTANCE CURVE

1801 Ω NTC THERMISTOR, ±0.2°C, SENSOR CODE 05

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)
-40.0	38631.45	-40.0	14.0	2786.15	57.2	68.0	415.31	154.4
-39.0	36470.25	-38.2	15.0	2674.49	59.0	69.0	403.06	156.2
-38.0	34453.13	-36.4	16.0	2568.23	60.8	70.0	391.18	158.0
-37.0	32544.07	-34.6	17.0	2467.37	62.6	71.0	379.65	159.8
-36.0	30761.08	-32.6	18.0	2370.12	64.4	72.0	368.48	161.6
-35.0	29086.15	-31.0	19.0	2276.46	66.2	73.0	357.68	163.4
-34.0	27519.28	-29.2	20.0	2188.22	68.0	74.0	347.41	165.2
-33.0	26042.46	-27.4	21.0	2103.57	69.8	75.0	337.33	167.0
-32.0	24637.68	-25.6	22.0	2022.52	71.6	76.0	327.78	168.8
-31.0	23340.96	-23.8	23.0	1945.08	73.4	77.0	318.42	170.6
-30.0	22098.27	-22.0	24.0	1871.24	75.2	78.0	309.23	172.4
-29.0	20945.63	-20.2	25.0	1801.00	77.0	79.0	300.59	174.2
-28.0	19865.03	-18.4	26.0	1733.28	78.8	80.0	292.12	176.3
-27.0	18838.46	-16.6	27.0	1668.63	80.6	81.0	284.02	177.8
-26.0	17862.32	-14.8	28.0	1606.67	82.4	82.0	276.09	179.6
-25.0	16949.21	-13.0	29.0	1547.24	84.2	83.0	268.35	181.4
-24.0	16090.13	-11.2	30.0	1490.51	86.0	84.0	260.96	183.2
-23.0	15277.88	-9.4	31.0	1435.94	87.8	85.0	253.94	185.0
-22.0	14512.46	-7.6	32.0	1383.89	89.6	86.0	246.92	186.8
-21.0	13790.26	-5.8	33.0	1333.82	91.4	87.0	240.25	188.6
-20.0	13107.68	-4.0	34.0	1285.91	93.2	88.0	233.77	190.4
-19.0	12462.92	-2.2	35.0	1239.99	95.0	89.0	227.47	192.2
-18.0	11854.18	-0.4	36.0	1196.04	96.8	90.0	221.34	194.0
-17.0	11279.66	1.4	37.0	1153.72	98.6	91.0	215.58	195.8
-16.0	10733.96	3.2	38.0	1113.20	100.4	92.0	209.82	197.6
-15.0	10220.68	5.0	39.0	1074.30	102.2	93.0	204.23	199.4
-14.0	9732.60	6.8	40.0	1037.02	104.0	94.0	199.01	201.2
-13.0	9271.55	8.6	41.0	1001.18	105.8	95.0	193.79	203.0
-12.0	8835.71	10.4	42.0	966.78	107.6	96.0	188.74	204.8
-11.0	8421.48	12.2	43.0	933.82	109.4	97.0	183.88	206.6
-10.0	8030.66	14.0	44.0	901.94	111.2	98.0	179.20	208.4
-9.0	7659.65	15.8	45.0	871.50	113.0	99.0	174.52	210.2
-8.0	7308.46	17.6	46.0	842.15	114.8	100.0	170.19	212.0
-7.0	6973.47	19.4	47.0	814.05	116.6	101.0	165.87	213.8
-6.0	6658.30	21.2	48.0	787.04	118.4	102.0	161.73	215.6
-5.0	6357.53	23.0	49.0	760.92	120.2	103.0	157.59	217.4
-4.0	6072.97	24.8	50.0	735.89	122.0	104.0	153.63	219.2
-3.0	5802.82	26.6	51.0	711.94	123.8	105.0	149.84	221.0
-2.0	5545.28	28.4	52.0	688.70	125.6	106.0	146.06	222.8
-1.0	5302.14	30.2	53.0	666.37	127.4	107.0	142.64	224.6
0.0	5069.82	32.0	54.0	644.94	129.2	108.0	139.04	226.4
1.0	4848.29	33.8	55.0	624.41	131.0	109.0	135.62	228.2
2.0	4639.38	35.6	56.0	604.42	132.8	110.0	132.37	230.0
3.0	4439.47	37.4	57.0	585.33	134.6	111.0	129.13	231.8
4.0	4250.36	39.2	58.0	566.77	136.4	112.0	126.07	233.6
5.0	4070.26	41.0	59.0	549.12	138.2	113.0	123.01	235.4
6.0	3897.36	42.8	60.0	532.02	140.0	114.0	120.13	237.2
7.0	3735.27	44.6	61.0	515.45	141.8	115.0	117.25	239.0
8.0	3578.59	46.4	62.0	499.60	143.6	116.0	114.54	240.8
9.0	3430.91	48.2	63.0	484.29	145.4	117.0	111.84	242.6
10.0	3288.63	50.0	64.0	469.52	147.2	118.0	109.32	244.4
11.0	3153.55	51.8	65.0	455.29	149.0	119.0	106.80	246.2
12.0	3025.68	53.6	66.0	441.43	150.8	120.0	104.28	248.0
13.0	2903.21	55.4	67.0	428.28	152.6			

Note: Sensor tolerance is ±0.5°C in the range -20 to 50°C.