



## TEMPERATURE VS. RESISTANCE CURVE

### TEMPERATURE VS. RESISTANCE CURVE - TYPE 6 - 3000 Ω NTC THERMISTOR, ±0.2°C

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)
-40.0	101160.00	-40.0	14.0	4941.00	57.2	68.0	563.40	154.4
-39.0	94650.00	-38.2	15.0	4713.00	59.0	69.0	544.20	156.2
-38.0	88620.00	-36.4	16.0	4500.00	60.8	70.0	525.90	158.0
-37.0	83010.00	-34.6	17.0	4296.00	62.6	71.0	508.50	159.8
-36.0	77790.00	-32.8	18.0	4104.00	64.4	72.0	491.40	161.6
-35.0	72930.00	-31.0	19.0	3921.00	66.2	73.0	475.20	163.4
-34.0	68400.00	-29.2	20.0	3747.00	68.0	74.0	459.60	165.2
-33.0	64170.00	-27.4	21.0	3582.00	69.8	75.0	444.60	167.0
-32.0	60240.00	-25.6	22.0	3426.00	71.6	76.0	429.90	168.8
-31.0	56580.00	-23.8	23.0	3276.00	73.4	77.0	416.10	170.6
-30.0	53160.00	-22.0	24.0	3135.00	75.2	78.0	402.60	172.4
-29.0	49950.00	-20.2	25.0	3000.00	77.0	79.0	389.70	174.2
-28.0	46980.00	-18.4	26.0	2871.60	78.8	80.0	377.40	176.0
-27.0	44190.00	-16.6	27.0	2749.50	80.6	81.0	365.40	177.8
-26.0	41580.00	-14.8	28.0	2633.10	82.4	82.0	353.70	179.6
-25.0	39150.00	-13.0	29.0	2522.40	84.2	83.0	342.60	181.4
-24.0	36870.00	-11.2	30.0	2416.80	86.0	84.0	331.80	183.2
-23.0	34740.00	-9.4	31.0	2316.30	87.8	85.0	321.60	185.0
-22.0	32760.00	-7.6	32.0	2220.60	89.6	86.0	311.70	186.8
-21.0	30900.00	-5.8	33.0	2129.40	92.4	87.0	302.10	188.6
-20.0	29139.00	-4.0	34.0	2042.40	93.2	88.0	292.77	190.4
-19.0	27498.00	-2.2	35.0	1959.30	95.0	89.0	283.83	192.2
-18.0	25962.00	-0.4	36.0	1880.10	96.8	90.0	275.22	194.0
-17.0	24519.00	1.4	37.0	1804.50	98.6	91.0	266.91	195.8
-16.0	23166.00	3.2	38.0	1732.20	100.4	92.0	258.90	197.6
-15.0	21894.00	5.0	39.0	1663.50	102.2	93.0	251.16	199.4
-14.0	20700.00	6.8	40.0	1597.80	104.0	94.0	243.69	201.2
-13.0	19578.00	8.6	41.0	1534.80	105.8	95.0	236.46	203.0
-12.0	18525.00	10.4	42.0	1474.80	107.6	96.0	229.50	204.8
-11.0	17535.00	12.2	43.0	1417.50	109.4	97.0	222.78	206.6
-10.0	16602.00	14.0	44.0	1362.90	111.2	98.0	216.27	208.4
-9.0	15726.00	15.8	45.0	1310.40	113.0	99.0	210.00	210.2
-8.0	14901.00	17.6	46.0	1260.30	114.8	100.0	203.94	212.0
-7.0	14124.00	19.4	47.0	1212.30	116.6	101.0	198.06	213.8
-6.0	13392.00	21.2	48.0	1166.40	118.4	102.0	192.39	215.6
-5.0	12702.00	23.0	49.0	1122.60	120.2	103.0	186.93	217.4
-4.0	12051.00	24.8	50.0	1080.60	122.0	104.0	181.62	219.2
-3.0	11436.00	26.6	51.0	1040.40	123.8	105.0	176.52	221.0
-2.0	10860.00	28.4	52.0	1002.00	125.6	106.0	171.57	222.8
-1.0	10314.00	30.2	53.0	965.10	127.4	107.0	166.77	224.6
0.0	9798.00	32.0	54.0	929.70	129.2	108.0	162.12	226.4
1.0	9312.00	33.8	55.0	896.10	131.0	109.0	157.65	228.2
2.0	8853.00	35.6	56.0	863.40	132.8	110.0	153.30	230.0
3.0	8418.00	37.4	57.0	832.50	134.6	111.0	149.10	231.8
4.0	8007.00	39.2	58.0	802.50	136.4	112.0	145.05	233.6
5.0	7620.00	41.0	59.0	774.00	138.2	113.0	141.12	235.4
6.0	7254.00	42.8	60.0	746.70	140.0	114.0	137.31	237.2
7.0	6906.00	44.6	61.0	720.30	141.8	115.0	133.62	239.0
8.0	6576.00	46.4	62.0	695.10	143.6	116.0	130.05	240.8
9.0	6267.00	48.2	63.0	670.80	145.4	117.0	126.57	242.6
10.0	5970.00	50.0	64.0	647.40	147.2	118.0	123.24	244.4
11.0	5691.00	51.8	65.0	625.20	149.0	119.0	119.97	246.2
12.0	5427.00	53.6	66.0	603.60	150.8	120.0	116.82	248.0
13.0	5178.00	55.4	67.0	583.20	152.6			

Note: Sensor tolerance is ±0.2°C in the range 0 to 70°C.