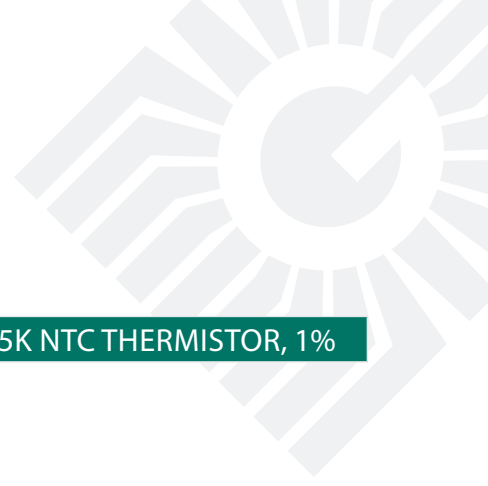


## TEMPERATURE VS. RESISTANCE CURVE

### TEMPERATURE VS. RESISTANCE CURVE - SENSOR CODE 59 - 10,000Ω, BETA 3435K NTC THERMISTOR, 1%

TEMPERATURE (°C)	TEMPERATURE (°F)	TYPICAL RESISTANCE (Ω)	RMIN RESISTANCE (Ω)	RMAX RESISTANCE (Ω)	TEMPERATURE (°C)	TEMPERATURE (°F)	TYPICAL RESISTANCE (Ω)	RMIN RESISTANCE (Ω)	RMAX RESISTANCE (Ω)
-55.0	-67.0	449441.7	425768.5	473114.9	0.0	32	27347.66	26782.9	27912.4
-54.0	-65.2	423492.2	401493.1	445491.2	1.0	33.8	26196.09	25667.3	26724.9
-53.0	-63.4	399181.2	378732.0	419630.3	2.0	35.6	25099.16	24604.0	25594.3
-52.0	-61.6	376397.4	357383.6	395411.2	3.0	37.4	24054.00	23590.5	24517.5
-51.0	-59.8	355037.6	337353.5	372721.6	4.0	39.2	23057.93	22624.0	23491.8
-50.0	-58.0	335005.8	318554.0	351457.7	5.0	41.0	22108.39	21702.3	22514.5
-49.0	-56.2	316213.2	284326.6	312827.6	6.0	42.8	21203.00	20823.0	21583.0
-48.0	-54.4	298577.1	284326.6	284326.6	7.0	44.6	20339.49	19984.0	20695.0
-47.0	-52.6	282020.6	268752.5	295288.7	8.0	46.4	19515.72	19183.2	19848.2
-46.0	-50.8	266472.5	254115.8	278829.2	9.0	48.2	18729.66	18418.8	19040.5
-45.0	-49.0	251866.5	240355.7	263377.2	10.0	50.0	17979.42	17688.8	18270.0
-44.0	-47.2	238140.8	227415.3	248866.2	11.0	51.8	17263.18	16991.6	17534.8
-43.0	-45.4	225238.1	215241.9	235234.3	12.0	53.6	16579.24	16325.5	16833.0
-42.0	-43.6	213105.1	203786.4	222423.8	13.0	55.4	15926.00	15689.0	16163.0
-41.0	-41.8	201692.0	193002.8	210381.2	14.0	57.2	15301.92	15080.7	15523.1
-40.0	-40.0	190952.6	182848.5	199056.8	15.0	59.0	14705.57	14499.1	14912.0
-39.0	-38.2	180843.9	173283.7	188404.2	16.0	60.8	14135.58	13943.0	14328.1
-38.0	-36.4	171325.7	164271.4	178380.1	17.0	62.6	13590.66	13411.1	13770.2
-37.0	-34.6	162360.6	155776.8	168944.4	18.0	64.4	13069.59	12902.3	13236.9
-36.0	-32.8	153913.8	147767.9	160059.7	19.0	66.2	12571.21	12415.5	12727.0
-35.0	-31.0	145952.7	140214.3	151691.0	20.0	68.0	12094.43	11949.5	12239.4
-34.0	-29.2	138447.0	133088.1	143805.9	21.0	69.8	11638.21	11503.4	11773.0
-33.0	-27.4	131368.4	126362.8	136374.0	22.0	71.6	11201.57	11076.3	11326.8
-32.0	-25.6	124690.6	120014.1	129367.0	23.0	73.4	10783.57	10667.3	10899.9
-31.0	-23.8	118388.7	114019.0	122758.5	24.0	75.2	10383.32	10275.4	10491.2
-30.0	-22.0	112439.9	108356.0	116523.9	25.0	77.0	10000.00	9900.0	10100.0
-29.0	-20.2	106822.6	103005.2	110640.1	26.0	78.8	9632.80	9532.7	9732.9
-28.0	-18.4	101516.7	97947.7	105085.7	27.0	80.6	9280.98	9181.0	9381.0
-27.0	-16.6	96503.4	93166.1	99840.7	28.0	82.4	8943.81	8844.0	9043.6
-26.0	-14.8	91765.1	88644.0	94886.1	29.0	84.2	8620.63	8521.1	8720.1
-25.0	-13.0	87285.3	84366.0	90204.7	30.0	86.0	8310.77	8211.7	8409.8
-24.0	-11.2	83048.7	80317.7	85779.8	31.0	87.8	8013.64	7915.1	8112.2
-23.0	-9.4	79040.9	76485.7	81596.2	32.0	89.6	7728.64	7630.7	7826.6
-22.0	-7.6	75248.4	72857.3	77639.5	33.0	91.4	7455.23	7358.0	7552.5
-21.0	-5.8	71658.59	69420.8	73896.4	34.0	93.2	7192.89	7096.4	7289.3
-20.0	-4.0	68259.59	66165.1	70354.1	35.0	95.0	6941.11	6845.5	7036.7
-19.0	-2.2	65040.34	63079.7	67001.0	36.0	96.8	6699.42	6604.7	6794.1
-18.0	-0.4	61990.44	60154.9	63826.0	37.0	98.6	6467.37	6373.6	6561.2
-17.0	1.4	59100.16	57381.6	60818.8	38.0	100.4	6244.52	6151.7	6337.3
-16.0	3.2	56360.36	54751.1	57969.6	39.0	102.2	6030.48	5938.7	6122.3
-15.0	5.0	53762.45	52255.5	55269.4	40.0	104.0	5824.86	5734.1	5915.6
-14.0	6.8	51298.40	49887.1	52709.7	41.0	105.8	5627.28	5537.7	5716.9
-13.0	8.6	48960.64	47638.9	50282.4	42.0	107.6	5437.39	5348.9	5525.9
-12.0	10.4	46742.09	45504.1	47980.1	43.0	109.4	5254.86	5167.5	5342.2
-11.0	12.2	44636.08	43476.5	45795.7	44.0	111.2	5079.37	4993.2	5165.6
-10.0	14.0	42636.35	41550.1	43722.6	45.0	113.0	4910.62	4825.6	4995.6
-9.0	15.8	40737.01	39719.5	41754.5	46.0	114.8	4748.32	4664.5	4832.2
-8.0	17.6	38932.53	38932.53	39885.7	47.0	116.6	4592.18	4509.5	4674.8
-7.0	19.4	37217.72	36324.8	38110.6	48.0	118.4	4441.96	4360.5	4523.4
-6.0	21.2	35587.67	34751.3	36424.1	49.0	120.2	4297.39	4217.2	4377.6
-5.0	23	34037.78	33254.3	34821.3	50.0	122.0	4158.25	4079.2	4237.3
-4.0	24.8	32563.72	31829.8	33297.6	51.0	123.8	4024.30	3946.5	4102.1
-3.0	26.6	31161.41	30474.0	31848.9	52.0	125.6	3895.32	3818.7	3971.9
-2.0	28.4	29827.01	29183.1	30470.9	53.0	127.4	3771.11	3695.7	3846.5
-1.0	30.2	28556.90	27953.9	29159.9	54.0	129.2	3651.48	3577.3	3725.7



## TEMPERATURE VS. RESISTANCE CURVE - SENSOR CODE 59 - 10,000Ω, BETA 3435K NTC THERMISTOR, 1%

TEMPERATURE (°C)	TEMPERATURE (°F)	TYPICAL RESISTANCE (Ω)	RMIN RESISTANCE (Ω)	RMAX RESISTANCE (Ω)
55.0	131.0	3536.22	3463.2	3609.2
56.0	132.8	3425.17	3353.4	3497.0
57.0	134.6	3318.15	3247.5	3388.8
58.0	136.4	3214.99	3145.6	3284.4
59.0	138.2	3115.55	3047.3	3183.8
60.0	140.0	3019.66	2952.5	3086.8
61.0	141.8	2927.19	2861.2	2993.2
62.0	143.6	2838.00	2773.2	2902.8
63.0	145.4	2751.95	2688.2	2815.7
64.0	147.2	2668.94	2606.3	2731.5
65.0	149.0	2588.82	2527.3	2650.3
66.0	150.8	2511.50	2451.1	2571.9
67.0	152.6	2436.85	2377.5	2496.2
68.0	154.4	2364.79	2306.5	2423.1
69.0	156.2	2295.20	2237.9	2352.5
70.0	158.0	2227.98	2171.7	2284.3
71.0	159.8	2163.06	2107.8	2218.3
72.0	161.6	2100.34	2046.1	2154.6
73.0	163.4	2039.73	1986.4	2093.0
74.0	165.2	1981.16	1928.8	2033.5
75.0	167.0	1924.55	1873.1	1976.0
76.0	168.8	1869.83	1819.3	1920.3
77.0	170.6	1816.92	1767.4	1866.5
78.0	172.4	1765.75	1717.1	1814.4
79.0	174.2	1716.27	1668.5	1764.1
80.0	176.0	1668.40	1621.5	1715.3
81.0	177.8	1622.10	1576.0	1668.2
82.0	179.6	1577.29	1532.1	1622.5
83.0	181.4	1533.93	1489.5	1578.3
84.0	183.2	1491.97	1448.4	1535.6
85.0	185.0	1451.34	1408.5	1494.2
86.0	186.8	1412.02	1370.0	1454.0
87.0	188.6	1373.94	1332.7	1415.2
88.0	190.4	1337.06	1296.5	1377.6
89.0	192.2	1301.34	1261.6	1341.1
90.0	194.0	1266.74	1227.7	1305.8
91.0	195.8	1233.22	1194.9	1271.6
92.0	197.6	1200.74	1163.1	1238.4
93.0	199.4	1169.27	1132.3	1206.2
94.0	201.2	1138.76	1102.5	1175.1
95.0	203.0	1109.19	1073.6	1144.8
96.0	204.8	1080.52	1045.5	1115.5
97.0	206.6	1052.72	1018.4	1087.1
98.0	208.4	1025.77	992.0	1059.5
99.0	210.2	999.62	966.5	1032.7
100.0	212.00	974.26	941.7	1006.8
101.0	213.8	949.66	917.7	981.6
102.0	215.6	925.79	894.4	957.2
103.0	217.4	902.63	871.8	933.4
104.0	219.2	880.15	849.9	910.4
105.0	221.0	858.33	828.6	888.0
106.0	222.8	837.15	808.0	866.3
107.0	224.6	816.59	787.9	845.2
108.0	226.4	796.62	768.5	824.8
109.0	228.2	777.23	749.6	804.9
110.0	230.0	758.40	731.2	785.6

