

50K Temperature sensor/Resistance value

R(25°C)=50.0KΩ±1% B(25°C/50°C)=3950K±1%

Temp.	Resist	Temp.	Resist	Temp.	Resist	Temp.	Resist	Temp.	Resist	Temp.	Resist	Temp.	Resist
°C	KΩ	°C	KΩ	°C	KΩ	°C	KΩ	°C	KΩ	°C	KΩ	°C	KΩ
-30	867	12	90.43	54	15.41	96	3.735	138	1.174	180	0.45	222	0.2
-29	815.7	13	86.26	55	14.84	97	3.624	139	1.146	181	0.44	223	0.197
-28	767.7	14	82.31	56	14.3	98	3.516	140	1.117	182	0.431	224	0.193
-27	722.9	15	78.56	57	13.78	99	3.412	141	1.09	183	0.423	225	0.19
-26	680.9	16	75	58	13.28	100	3.312	142	1.064	184	0.414	226	0.187
-25	641.6	17	71.63	59	12.81	101	3.215	143	1.038	185	0.405	227	0.184
-24	604.8	18	68.42	60	12.35	102	3.121	144	1.013	186	0.397	228	0.18
-23	570.3	19	65.37	61	11.91	103	3.031	145	0.989	187	0.389	229	0.177
-22	538	20	62.47	62	11.49	104	2.944	146	0.965	188	0.381	230	0.174
-21	507.7	21	59.72	63	11.08	105	2.859	147	0.942	189	0.374	231	0.171
-20	479.3	22	57.1	64	10.69	106	2.777	148	0.92	190	0.366	232	0.168
-19	452.7	23	54.62	65	10.32	107	2.698	149	0.898	191	0.359	233	0.166
-18	427.7	24	52.25	66	9.963	108	2.622	150	0.877	192	0.352	234	0.163
-17	404.2	25	50	67	9.619	109	2.548	151	0.856	193	0.345	235	0.16
-16	382.1	26	47.86	68	9.288	110	2.476	152	0.836	194	0.338	236	0.157
-15	361.4	27	45.82	69	8.971	111	2.407	153	0.817	195	0.332	237	0.155
-14	341.9	28	43.88	70	8.666	112	2.34	154	0.798	196	0.325	238	0.152
-13	323.5	29	42.03	71	8.372	113	2.276	155	0.78	197	0.319	239	0.15
-12	306.3	30	40.27	72	8.09	114	2.213	156	0.762	198	0.313	240	0.147
-11	290.1	31	38.59	73	7.819	115	2.152	157	0.745	199	0.307	241	0.145
-10	274.8	32	36.99	74	7.559	116	2.093	158	0.728	200	0.301	242	0.143
-9	260.4	33	35.46	75	7.308	117	2.037	159	0.711	201	0.295	243	0.14
-8	246.9	34	34.01	76	7.067	118	1.981	160	0.695	202	0.29	244	0.138
-7	234.1	35	32.62	77	6.835	119	1.928	161	0.68	203	0.284	245	0.136
-6	222	36	31.3	78	6.611	120	1.876	162	0.665	204	0.279	246	0.134
-5	210.7	37	30.03	79	6.396	121	1.826	163	0.65	205	0.274	247	0.131
-4	200	38	28.83	80	6.189	122	1.778	164	0.635	206	0.268	248	0.129
-3	189.9	39	27.68	81	5.989	123	1.731	165	0.621	207	0.263	249	0.127
-2	180.3	40	26.58	82	5.798	124	1.685	166	0.608	208	0.259	250	0.125
-1	171.3	41	25.53	83	5.613	125	1.641	167	0.594	209	0.254		
0	162.8	42	24.52	84	5.435	126	1.598	168	0.581	210	0.249		
1	154.8	43	23.57	85	5.263	127	1.557	169	0.569	211	0.245		
2	147.2	44	22.65	86	5.097	128	1.517	170	0.557	212	0.24		
3	140	45	21.77	87	4.938	129	1.477	171	0.545	213	0.236		
4	133.2	46	20.94	88	4.784	130	1.44	172	0.533	214	0.231		
5	126.8	47	20.13	89	4.636	131	1.403	173	0.522	215	0.227		
6	120.7	48	19.37	90	4.493	132	1.367	174	0.511	216	0.223		
7	115	49	18.64	91	4.355	133	1.333	175	0.5	217	0.219		
8	109.5	50	17.93	92	4.222	134	1.299	176	0.489	218	0.215		
9	104.3	51	17.26	93	4.094	135	1.267	177	0.479	219	0.211		
10	99.46	52	16.62	94	3.97	136	1.235	178	0.469	220	0.208		
11	94.83	53	16	95	3.851	137	1.204	179	0.459	221	0.204		