

Koolance COM-M27 Temp Sensor

B25/85 3990K± 2%

R25 50.0kΩ± 3%

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
-40	1369	1510	1665	10.27	1.53
-39	1288	1419	1563	10.13	1.52
-38	1212	1334	1468	9.99	1.51
-37	1141	1255	1378	9.86	1.50
-36	1075	1180	1295	9.72	1.49
-35	1013	1111	1217	9.59	1.48
-34	954.4	1046	1144	9.46	1.47
-33	899.7	984.5	1076	9.33	1.46
-32	848.5	927.4	1013	9.20	1.45
-31	800.4	873.8	953.0	9.07	1.44
-30	755.3	823.6	897.2	8.94	1.43
-29	713.0	776.5	844.9	8.81	1.42
-28	673.3	732.4	795.9	8.68	1.41
-27	635.9	690.9	750.0	8.55	1.40
-26	600.8	652.1	707.0	8.43	1.39
-25	567.9	615.6	666.7	8.30	1.38
-24	536.9	581.3	628.9	8.18	1.37
-23	507.7	549.1	593.4	8.06	1.35
-22	480.3	518.9	560.1	7.93	1.34
-21	454.5	490.5	528.8	7.81	1.33
-20	430.2	463.7	499.4	7.69	1.32
-19	407.4	438.6	471.8	7.57	1.31
-18	385.8	415.0	445.9	7.45	1.30
-17	365.5	392.7	421.5	7.33	1.28
-16	346.4	371.8	398.6	7.22	1.27
-15	328.4	352.0	377.0	7.10	1.26
-14	311.4	333.5	356.7	6.98	1.25
-13	295.4	316.0	337.7	6.87	1.24
-12	280.3	299.5	319.7	6.75	1.22
-11	266.0	283.9	302.8	6.64	1.21
-10	252.5	269.2	286.8	6.53	1.20
-9	239.8	255.4	271.8	6.41	1.18
-8	227.8	242.4	257.6	6.30	1.17
-7	216.4	230.0	244.3	6.19	1.16
-6	205.7	218.4	231.7	6.08	1.15
-5	195.6	207.4	219.8	5.97	1.13
-4	186.0	197.0	208.6	5.86	1.12
-3	176.9	187.2	198.0	5.76	1.11

-2	168.3	178.0	188.0	5.65	1.09
-1	160.2	169.2	178.6	5.54	1.08
0	152.5	160.9	169.7	5.44	1.07
1	145.2	153.1	161.3	5.33	1.05
2	138.3	145.7	153.3	5.23	1.04
3	131.8	138.7	145.8	5.12	1.02
4	125.6	132.0	138.7	5.02	1.01
5	119.7	125.7	131.9	4.92	0.99
6	114.2	119.8	125.5	4.82	0.98
7	108.9	114.1	119.5	4.71	0.97
8	103.9	108.8	113.8	4.61	0.95
9	99.13	103.7	108.4	4.51	0.94
10	94.62	98.89	103.3	4.41	0.92
11	90.34	94.33	98.40	4.32	0.91
12	86.28	90.00	93.80	4.22	0.89
13	82.42	85.89	89.43	4.12	0.88
14	78.75	81.99	85.29	4.02	0.86
15	75.26	78.29	81.36	3.93	0.85
16	71.95	74.77	77.64	3.83	0.83
17	68.80	71.43	74.10	3.74	0.82
18	65.80	68.26	70.75	3.64	0.80
19	62.95	65.24	67.56	3.55	0.78
20	60.24	62.37	64.53	3.46	0.77
21	57.65	59.65	61.65	3.36	0.75
22	55.19	57.05	58.92	3.27	0.74
23	52.85	54.58	56.32	3.18	0.72
24	50.62	52.24	53.85	3.09	0.70
25	48.50	50.00	51.50	3.00	0.69
26	46.39	47.87	49.35	3.09	0.71
27	44.39	45.84	47.30	3.18	0.74
28	42.49	43.91	45.35	3.27	0.76
29	40.67	42.07	43.49	3.36	0.79
30	38.94	40.32	41.71	3.44	0.81
31	37.30	38.65	40.01	3.53	0.84
32	35.73	37.06	38.40	3.62	0.87
33	34.24	35.54	36.85	3.71	0.89
34	32.81	34.09	35.38	3.79	0.92
35	31.45	32.70	33.97	3.88	0.94
36	30.16	31.38	32.63	3.96	0.97
37	28.93	30.12	31.34	4.05	1.00
38	27.75	28.92	30.12	4.13	1.02
39	26.62	27.77	28.94	4.22	1.05
40	25.55	26.67	27.82	4.30	1.08
41	24.53	25.63	26.75	4.39	1.11
42	23.55	24.62	25.72	4.47	1.13

43	22.61	23.67	24.74	4.55	1.16
44	21.72	22.75	23.80	4.64	1.19
45	20.87	21.87	22.91	4.72	1.22
46	20.05	21.04	22.05	4.80	1.25
47	19.28	20.23	21.22	4.88	1.27
48	18.53	19.47	20.43	4.96	1.30
49	17.82	18.73	19.68	5.04	1.33
50	17.14	18.03	18.95	5.12	1.36
51	16.49	17.36	18.26	5.20	1.39
52	15.86	16.71	17.60	5.28	1.42
53	15.26	16.10	16.96	5.36	1.45
54	14.69	15.51	16.35	5.44	1.48
55	14.14	14.94	15.76	5.52	1.51
56	13.62	14.40	15.20	5.60	1.54
57	13.12	13.87	14.66	5.68	1.57
58	12.64	13.37	14.14	5.75	1.60
59	12.17	12.90	13.65	5.83	1.63
60	11.73	12.44	13.17	5.91	1.66
61	11.31	12.00	12.71	5.98	1.69
62	10.90	11.57	12.27	6.06	1.72
63	10.51	11.17	11.85	6.14	1.75
64	10.14	10.78	11.44	6.21	1.78
65	9.777	10.40	11.05	6.29	1.82
66	9.432	10.04	10.68	6.36	1.85
67	9.101	9.696	10.32	6.44	1.88
68	8.784	9.364	9.973	6.51	1.91
69	8.478	9.045	9.640	6.58	1.94
70	8.185	8.738	9.320	6.66	1.98
71	7.904	8.443	9.011	6.73	2.01
72	7.633	8.160	8.715	6.80	2.04
73	7.373	7.887	8.429	6.88	2.07
74	7.123	7.625	8.154	6.95	2.11
75	6.882	7.372	7.890	7.02	2.14
76	6.651	7.129	7.635	7.09	2.17
77	6.429	6.896	7.389	7.16	2.21
78	6.215	6.671	7.153	7.23	2.24
79	6.009	6.454	6.925	7.31	2.28
80	5.811	6.245	6.706	7.38	2.31
81	5.620	6.044	6.494	7.45	2.34
82	5.437	5.851	6.290	7.52	2.38
83	5.260	5.664	6.094	7.59	2.41
84	5.090	5.484	5.904	7.65	2.45
85	4.926	5.311	5.722	7.72	2.48
86	4.768	5.144	5.545	7.79	2.52
87	4.616	4.983	5.375	7.86	2.55

88	4.469	4.828	5.211	7.93	2.59
89	4.328	4.678	5.052	8.00	2.62
90	4.192	4.534	4.899	8.07	2.66
91	4.060	4.394	4.752	8.13	2.70
92	3.933	4.260	4.609	8.20	2.73
93	3.811	4.130	4.471	8.27	2.77
94	3.693	4.005	4.338	8.33	2.80
95	3.579	3.884	4.210	8.40	2.84
96	3.470	3.767	4.086	8.47	2.88
97	3.364	3.654	3.966	8.53	2.92
98	3.261	3.545	3.850	8.60	2.95
99	3.162	3.440	3.738	8.66	2.99
100	3.067	3.338	3.629	8.73	3.03
101	2.975	3.239	3.524	8.79	3.06
102	2.886	3.144	3.423	8.86	3.10
103	2.800	3.052	3.325	8.92	3.14
104	2.717	2.964	3.230	8.99	3.18
105	2.636	2.878	3.138	9.05	3.22
106	2.559	2.795	3.049	9.12	3.26
107	2.484	2.714	2.963	9.18	3.29
108	2.411	2.636	2.880	9.24	3.33
109	2.341	2.561	2.800	9.31	3.37
110	2.273	2.488	2.722	9.37	3.41