

R-T data for Koolance SEN-AP007P
www.koolance.com

B25/85 3435 K ± 1%
R25 10.00 kΩ ± 1%

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
-50	242.8	253.3	264.2	4.32%	0.75
-49	231.3	241.2	251.5	4.27%	0.75
-48	220.5	229.8	239.5	4.22%	0.74
-47	210.1	218.9	228.0	4.17%	0.74
-46	200.3	208.5	217.1	4.12%	0.73
-45	190.9	198.7	206.8	4.06%	0.73
-44	182.1	189.4	197.0	4.01%	0.72
-43	173.6	180.5	187.7	3.96%	0.72
-42	165.6	172.1	178.8	3.92%	0.71
-41	158.0	164.1	170.4	3.87%	0.71
-40	150.7	156.5	162.4	3.82%	0.71
-39	143.8	149.2	154.8	3.77%	0.70
-38	137.2	142.3	147.6	3.72%	0.70
-37	131.0	135.8	140.8	3.67%	0.69
-36	125.0	129.6	134.3	3.62%	0.69
-35	119.4	123.6	128.1	3.57%	0.68
-34	114.0	118.0	122.2	3.52%	0.68
-33	108.9	112.6	116.6	3.48%	0.67
-32	104.0	107.5	111.2	3.43%	0.67
-31	99.3	102.7	106.2	3.38%	0.66
-30	94.9	98.1	101.3	3.33%	0.65
-29	90.7	93.7	96.8	3.29%	0.65
-28	86.67	89.5	92.4	3.24%	0.64
-27	82.85	85.50	88.2	3.19%	0.64
-26	79.20	81.70	84.27	3.14%	0.63
-25	75.73	78.09	80.50	3.10%	0.63
-24	72.43	74.64	76.92	3.05%	0.62
-23	69.27	71.36	73.50	3.00%	0.62
-22	66.27	68.23	70.25	2.96%	0.61
-21	63.40	65.26	67.16	2.91%	0.60
-20	60.67	62.42	64.21	2.87%	0.60
-19	58.07	59.71	61.40	2.82%	0.59
-18	55.58	57.13	58.72	2.78%	0.59
-17	53.21	54.67	56.17	2.73%	0.58
-16	50.95	52.33	53.73	2.69%	0.57
-15	48.80	50.09	51.41	2.64%	0.57
-14	46.74	47.96	49.20	2.60%	0.56
-13	44.78	45.92	47.10	2.55%	0.55
-12	42.90	43.98	45.09	2.51%	0.55
-11	41.11	42.13	43.17	2.46%	0.54
-10	39.41	40.36	41.34	2.42%	0.54

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
-9	37.77	38.68	39.59	2.38%	0.53
-8	36.22	37.06	37.93	2.33%	0.52
-7	34.73	35.53	36.34	2.29%	0.52
-6	33.31	34.06	34.82	2.25%	0.51
-5	31.95	32.66	33.38	2.20%	0.50
-4	30.65	31.32	31.99	2.16%	0.50
-3	29.41	30.04	30.67	2.12%	0.49
-2	28.23	28.82	29.41	2.07%	0.48
-1	27.09	27.65	28.21	2.03%	0.47
0	26.01	26.53	27.06	1.99%	0.47
1	24.98	25.46	25.96	1.95%	0.46
2	23.98	24.44	24.91	1.91%	0.45
3	23.04	23.47	23.91	1.87%	0.45
4	22.13	22.54	22.95	1.82%	0.44
5	21.26	21.65	22.03	1.78%	0.43
6	20.43	20.79	21.15	1.74%	0.42
7	19.64	19.98	20.32	1.70%	0.42
8	18.88	19.20	19.51	1.66%	0.41
9	18.15	18.45	18.75	1.62%	0.40
10	17.46	17.73	18.01	1.58%	0.39
11	16.79	17.05	17.31	1.54%	0.39
12	16.15	16.39	16.64	1.50%	0.38
13	15.54	15.77	16.00	1.46%	0.37
14	14.95	15.16	15.38	1.42%	0.36
15	14.39	14.59	14.79	1.38%	0.35
16	13.85	14.04	14.23	1.34%	0.35
17	13.33	13.51	13.69	1.30%	0.34
18	12.84	13.00	13.17	1.27%	0.33
19	12.37	12.52	12.67	1.23%	0.32
20	11.91	12.05	12.20	1.19%	0.31
21	11.47	11.61	11.74	1.15%	0.30
22	11.06	11.18	11.30	1.11%	0.30
23	10.65	10.77	10.89	1.07%	0.29
24	10.27	10.38	10.48	1.04%	0.28
25	9.900	10.00	10.10	1.00%	0.27
26	9.538	9.638	9.738	1.04%	0.28
27	9.191	9.291	9.391	1.07%	0.29
28	8.859	8.958	9.058	1.11%	0.31
29	8.539	8.638	8.737	1.15%	0.32
30	8.233	8.331	8.430	1.18%	0.33

R-T data for Koolance SEN-AP007P
www.koolance.com

B25/85 3435 K ± 1%
R25 10.00 kΩ ± 1%

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
31	7.939	8.037	8.135	1.22%	0.34
32	7.657	7.754	7.851	1.26%	0.35
33	7.385	7.482	7.579	1.29%	0.37
34	7.125	7.221	7.317	1.33%	0.38
35	6.875	6.970	7.065	1.37%	0.39
36	6.635	6.729	6.823	1.40%	0.40
37	6.405	6.497	6.591	1.44%	0.42
38	6.183	6.275	6.367	1.47%	0.43
39	5.970	6.061	6.152	1.51%	0.44
40	5.765	5.855	5.945	1.54%	0.45
41	5.569	5.657	5.746	1.58%	0.47
42	5.380	5.467	5.555	1.61%	0.48
43	5.198	5.284	5.371	1.65%	0.49
44	5.023	5.108	5.194	1.68%	0.51
45	4.855	4.938	5.023	1.72%	0.52
46	4.693	4.775	4.859	1.75%	0.53
47	4.537	4.619	4.701	1.78%	0.55
48	4.387	4.468	4.549	1.82%	0.56
49	4.243	4.322	4.402	1.85%	0.57
50	4.104	4.182	4.261	1.88%	0.59
51	3.971	4.047	4.125	1.92%	0.60
52	3.842	3.917	3.994	1.95%	0.61
53	3.718	3.792	3.868	1.98%	0.63
54	3.599	3.672	3.746	2.02%	0.64
55	3.484	3.556	3.628	2.05%	0.65
56	3.373	3.444	3.515	2.08%	0.67
57	3.266	3.336	3.406	2.11%	0.68
58	3.163	3.232	3.301	2.15%	0.70
59	3.064	3.131	3.200	2.18%	0.71
60	2.969	3.035	3.102	2.21%	0.73
61	2.877	2.941	3.007	2.24%	0.74
62	2.788	2.851	2.916	2.28%	0.75
63	2.702	2.764	2.828	2.31%	0.77
64	2.619	2.681	2.743	2.34%	0.78
65	2.539	2.600	2.661	2.37%	0.80
66	2.462	2.522	2.582	2.40%	0.81
67	2.388	2.446	2.506	2.43%	0.83
68	2.316	2.374	2.432	2.46%	0.84
69	2.247	2.303	2.361	2.49%	0.86
70	2.180	2.236	2.292	2.52%	0.87

T(°C)	Rmin(kΩ)	Rcent(kΩ)	Rmax(kΩ)	DR(%)	DT(°C)
71	2.116	2.170	2.225	2.56%	0.89
72	2.053	2.107	2.161	2.59%	0.90
73	1.993	2.045	2.099	2.62%	0.92
74	1.935	1.986	2.039	2.65%	0.93
75	1.879	1.929	1.981	2.68%	0.95
76	1.824	1.874	1.925	2.71%	0.96
77	1.772	1.820	1.870	2.74%	0.98
78	1.721	1.769	1.818	2.76%	1.00
79	1.672	1.719	1.767	2.79%	1.01
80	1.624	1.670	1.718	2.82%	1.03
81	1.579	1.624	1.670	2.85%	1.04
82	1.534	1.578	1.624	2.88%	1.06
83	1.491	1.535	1.579	2.91%	1.08
84	1.450	1.492	1.536	2.94%	1.09
85	1.409	1.451	1.494	2.97%	1.11
86	1.370	1.412	1.454	3.00%	1.12
87	1.333	1.373	1.415	3.03%	1.14
88	1.296	1.336	1.377	3.05%	1.16
89	1.261	1.300	1.340	3.08%	1.17
90	1.227	1.265	1.304	3.11%	1.19