

## QN0402X473F4050FB

R25=47kΩ±1%， B25/50=4050±1%， B25/85=4100

温度 Temp. (°C)	R 最小值 R_Min (Kohm)	R 中心值 R_Cent (Kohm)	R 最大值 R_Max (Kohm)	阻值公差 Res TOL.	温度公差 Temp. TOL.(°C)
-40	1,668.985	1,747.920	1,830.405	4.72%	0.66
-39	1,559.059	1,631.671	1,707.495	4.65%	0.66
-38	1,457.126	1,523.950	1,593.679	4.58%	0.65
-37	1,362.554	1,424.076	1,488.225	4.50%	0.65
-36	1,274.763	1,331.424	1,390.465	4.43%	0.64
-35	1,193.223	1,245.428	1,299.787	4.36%	0.64
-34	1,117.447	1,165.564	1,215.631	4.30%	0.63
-33	1,046.992	1,091.357	1,137.488	4.23%	0.63
-32	981.450	1,022.370	1,064.889	4.16%	0.62
-31	920.446	958.202	997.406	4.09%	0.62
-30	863.639	898.485	934.645	4.02%	0.61
-29	810.711	842.884	876.246	3.96%	0.61
-28	761.375	791.088	821.878	3.89%	0.60
-27	715.364	742.813	771.239	3.83%	0.60
-26	672.432	697.798	724.048	3.76%	0.59
-25	632.356	655.802	680.050	3.70%	0.58
-24	594.926	616.605	639.009	3.63%	0.58
-23	559.952	580.001	600.708	3.57%	0.57
-22	527.258	545.805	564.948	3.51%	0.57
-21	496.681	513.842	531.543	3.44%	0.56
-20	468.071	483.954	500.325	3.38%	0.55
-19	441.290	455.992	471.137	3.32%	0.55
-18	416.209	429.822	443.835	3.26%	0.54
-17	392.711	405.317	418.286	3.20%	0.54
-16	370.686	382.362	394.367	3.14%	0.53
-15	350.033	360.850	371.963	3.08%	0.52
-14	330.659	340.680	350.971	3.02%	0.52

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-13	312.476	321.762	331.292	2.96%	0.51
-12	295.404	304.011	312.837	2.90%	0.50
-11	279.369	287.347	295.522	2.85%	0.50
-10	264.302	271.697	279.271	2.79%	0.49
-9	250.139	256.995	264.012	2.73%	0.48
-8	236.820	243.176	249.678	2.67%	0.48
-7	224.290	230.184	236.208	2.62%	0.47
-6	212.498	217.963	223.546	2.56%	0.46
-5	201.396	206.463	211.637	2.51%	0.46
-4	190.926	195.624	200.418	2.45%	0.45
-3	181.063	185.419	189.862	2.40%	0.44
-2	171.768	175.808	179.924	2.34%	0.44
-1	163.006	166.751	170.565	2.29%	0.43
0	154.743	158.214	161.748	2.23%	0.42
1	146.947	150.165	153.439	2.18%	0.41
2	139.589	142.573	145.605	2.13%	0.41
3	132.643	135.408	138.217	2.07%	0.40
4	126.083	128.645	131.247	2.02%	0.39
5	119.885	122.259	124.668	1.97%	0.38
6	114.028	116.227	118.457	1.92%	0.38
7	108.491	110.528	112.591	1.87%	0.37
8	103.254	105.140	107.050	1.82%	0.36
9	98.300	100.045	101.812	1.77%	0.35
10	93.611	95.227	96.861	1.72%	0.35
11	89.173	90.667	92.178	1.67%	0.34
12	84.970	86.352	87.748	1.62%	0.33
13	80.989	82.266	83.555	1.57%	0.32
14	77.216	78.396	79.586	1.52%	0.31
15	73.641	74.730	75.828	1.47%	0.31
16	70.250	71.256	72.268	1.42%	0.30

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17	67.035	67.962	68.895	1.37%	0.29
18	63.984	64.839	65.698	1.33%	0.28
19	61.089	61.876	62.667	1.28%	0.27
20	58.341	59.065	59.792	1.23%	0.26
21	55.730	56.396	57.064	1.18%	0.26
22	53.252	53.863	54.476	1.14%	0.25
23	50.896	51.457	52.019	1.09%	0.24
24	48.658	49.172	49.686	1.05%	0.23
25	46.530	47.000	47.470	1.00%	0.22
26	44.467	44.936	45.406	1.05%	0.23
27	42.506	42.974	43.442	1.09%	0.25
28	40.642	41.108	41.574	1.14%	0.26
29	38.870	39.332	39.796	1.18%	0.27
30	37.184	37.643	38.104	1.22%	0.28
31	35.580	36.035	36.492	1.27%	0.29
32	34.054	34.504	34.957	1.31%	0.30
33	32.601	33.046	33.494	1.36%	0.32
34	31.217	31.657	32.100	1.40%	0.33
35	29.899	30.334	30.772	1.44%	0.34
36	28.645	29.073	29.506	1.49%	0.35
37	27.449	27.872	28.298	1.53%	0.37
38	26.310	26.726	27.146	1.57%	0.38
39	25.223	25.633	26.047	1.61%	0.39
40	24.188	24.591	24.998	1.66%	0.40
41	23.200	23.596	23.997	1.70%	0.42
42	22.257	22.647	23.041	1.74%	0.43
43	21.357	21.740	22.127	1.78%	0.44
44	20.499	20.875	21.255	1.82%	0.45
45	19.679	20.048	20.422	1.86%	0.47
46	18.896	19.258	19.625	1.91%	0.48

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47	18.148	18.503	18.863	1.95%	0.49
48	17.434	17.782	18.135	1.99%	0.51
49	16.751	17.092	17.439	2.03%	0.52
50	16.098	16.433	16.772	2.07%	0.53
51	15.474	15.802	16.135	2.11%	0.55
52	14.877	15.198	15.524	2.15%	0.56
53	14.306	14.621	14.940	2.19%	0.57
54	13.760	14.068	14.381	2.23%	0.59
55	13.237	13.539	13.845	2.26%	0.60
56	12.737	13.032	13.332	2.30%	0.61
57	12.258	12.547	12.840	2.34%	0.63
58	11.799	12.082	12.369	2.38%	0.64
59	11.360	11.636	11.918	2.42%	0.66
60	10.939	11.209	11.485	2.46%	0.67
61	10.537	10.801	11.070	2.50%	0.68
62	10.151	10.409	10.673	2.53%	0.70
63	9.781	10.034	10.292	2.57%	0.71
64	9.426	9.673	9.926	2.61%	0.73
65	9.086	9.328	9.575	2.65%	0.74
66	8.760	8.996	9.238	2.68%	0.76
67	8.447	8.678	8.914	2.72%	0.77
68	8.147	8.373	8.604	2.76%	0.79
69	7.859	8.080	8.305	2.79%	0.80
70	7.582	7.798	8.019	2.83%	0.82
71	7.316	7.527	7.743	2.87%	0.83
72	7.061	7.266	7.477	2.90%	0.85
73	6.815	7.016	7.222	2.94%	0.86
74	6.579	6.776	6.977	2.98%	0.88
75	6.352	6.544	6.741	3.01%	0.89
76	6.135	6.323	6.515	3.05%	0.91

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77	5.926	6.110	6.298	3.08%	0.92
78	5.726	5.905	6.089	3.12%	0.94
79	5.533	5.708	5.887	3.15%	0.95
80	5.347	5.518	5.694	3.19%	0.97
81	5.169	5.336	5.508	3.22%	0.98
82	4.997	5.161	5.329	3.26%	1.00
83	4.833	4.992	5.156	3.29%	1.02
84	4.674	4.830	4.990	3.32%	1.03
85	4.521	4.674	4.831	3.36%	1.05
86	4.374	4.523	4.676	3.39%	1.06
87	4.232	4.377	4.527	3.43%	1.08
88	4.095	4.237	4.383	3.46%	1.10
89	3.963	4.102	4.245	3.49%	1.11
90	3.836	3.972	4.112	3.53%	1.13
91	3.714	3.846	3.983	3.56%	1.15
92	3.596	3.725	3.859	3.59%	1.16
93	3.482	3.609	3.740	3.63%	1.18
94	3.373	3.496	3.624	3.66%	1.20
95	3.267	3.388	3.513	3.69%	1.21
96	3.165	3.284	3.406	3.72%	1.23
97	3.067	3.183	3.303	3.76%	1.25
98	2.973	3.086	3.203	3.79%	1.26
99	2.882	2.992	3.107	3.82%	1.28
100	2.794	2.902	3.014	3.85%	1.30
101	2.709	2.815	2.924	3.88%	1.32
102	2.627	2.730	2.837	3.92%	1.33
103	2.548	2.649	2.753	3.95%	1.35
104	2.472	2.570	2.673	3.98%	1.37
105	2.398	2.494	2.594	4.01%	1.39
106	2.326	2.421	2.518	4.04%	1.40

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107	2.257	2.349	2.445	4.07%	1.42
108	2.190	2.281	2.374	4.10%	1.44
109	2.126	2.214	2.305	4.13%	1.46
110	2.063	2.150	2.239	4.16%	1.47
111	2.003	2.088	2.175	4.19%	1.49
112	1.945	2.028	2.113	4.23%	1.51
113	1.889	1.970	2.054	4.26%	1.53
114	1.835	1.914	1.996	4.29%	1.55
115	1.783	1.860	1.940	4.32%	1.57
116	1.732	1.808	1.886	4.34%	1.58
117	1.683	1.757	1.834	4.37%	1.60
118	1.636	1.708	1.784	4.40%	1.62
119	1.590	1.661	1.735	4.43%	1.64
120	1.546	1.615	1.687	4.46%	1.66
121	1.503	1.571	1.641	4.49%	1.68
122	1.461	1.528	1.597	4.52%	1.70
123	1.421	1.486	1.553	4.55%	1.72
124	1.382	1.445	1.511	4.58%	1.73
125	1.344	1.406	1.471	4.61%	1.75