

中小型散热器热参数一览表

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型号	长度 (mm)	风速 (m/s)	散热器最大热阻 (°C/w)			ΔT=25°C时允许的最大功耗 (w)		
			0	2	4	0	2	4
10Y15 (HF)		20	52.925	14.197	10.18	0.5	1.8	2.5
10Y15 (HF)		35	41.242	11.604	8.267	0.6	2.2	3.0
10Y15 (HF)		45	36.789	10.761	7.651	0.7	2.3	3.3
11DQ61		58	7.616	2.241	1.557	3.3	11.2	16.1
12D43 (HEC)		40	10.866	4.13		2.3	6.1	
12D43 (HEC)		50	9.705	3.871		2.6	6.5	
12D43 (HEC)		60	8.776	3.607		2.8	6.9	
12DQ16 (HE)		20	35.735	9.132	6.574	0.7	2.7	3.8
12DQ16 (HE)		30	29.708	7.996	5.732	0.8	3.1	4.4
12DQ16 (HE)		40	26.064	7.241	5.162	1.0	3.5	4.8
15D52		50	7.941	2.976		3.1	8.4	
15D52		100	5.681	2.459	1.89	4.4	10.2	13.2
15DQ37		20	15.318	3.713	2.713	1.6	6.7	9.2
15DQ37		40	11.844	2.977	2.151	2.1	8.4	11.6
15DQ37		80	9.366	2.505	1.817	2.7	10.0	13.8
16DQ16 (HI)		20	31.649	7.244	5.198	0.8	3.5	4.8
16DQ16 (HI)		30	26.882	6.388	4.558	0.9	3.9	5.5
16DQ16 (HI)		40	23.886	5.811	4.123	1.0	4.3	6.1
16DQ30		20	16.823	5.11	7.955	1.5	4.9	3.1
16DQ30		30	13.77	4.472	5.667	1.8	5.6	4.4
16DQ30		60	9.84	3.624	3.263	2.5	6.9	7.7
16DQ37 (HAU)		20	15.245	3.702	2.695	1.6	6.8	9.3
16DQ37 (HAU)		40	11.832	2.979	2.148	2.1	8.4	11.6
17D23 (HA)		20	21.214	6.401	4.723	1.2	3.9	5.3
17D23 (HA)		35	15.772	5.215	3.858	1.6	4.8	6.5
17D23 (HA)		50	13.123	4.58	3.383	1.9	5.5	7.4
20D107 (HDH)		55	3.465	1.521		7.2	16.4	
20D107 (HDH)		110	2.484	1.231	1.033	10.1	20.3	24.2
20D107 (HDH)		160	2.13	1.144	0.883	11.7	21.9	28.3
20D89 (HM)		45	4.44	1.892	2.207	5.6	13.2	11.3
20D89 (HM)		90	3.125	1.538	1.4	8.0	16.3	17.9
20D89 (HM)		135	2.602	1.403	1.147	9.6	17.8	21.8
20DQ55		30	8.695	2.078	1.579	2.9	12.0	15.8
20DQ55		55	7.041	1.74	1.324	3.6	14.4	18.9
20DQ55		80	6.194	1.597	1.222	4.0	15.7	20.5
20DQ62		30	8.639	2.205	1.549	2.9	11.3	16.1
20DQ62		60	7.023	1.85	1.284	3.6	13.5	19.5
20DQ62		120	5.349	1.581	1.091	4.7	15.8	22.9
20Y32 (HEU)		30	18.771	3.802	2.859	1.3	6.6	8.7
20Y32 (HEU)		40	16.851	3.408	2.558	1.5	7.3	9.8
20Y32 (HEU)		60	14.255	3.024	2.269	1.8	8.3	11.0
22DQ74		35	5.558	1.473	1.146	4.5	17.0	21.8
22DQ74		70	4.393	1.224	0.956	5.7	20.4	26.2
22DQ74		100	3.876	1.1	0.858	6.4	22.7	29.1
23DQ51		30	9.707	2.17	1.608	2.6	11.5	15.5

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			0	2	4	0	2	4
23DQ51		50	8.256	1.869	1.379	3.0	13.4	18.1
23DQ51		80	6.991	1.67	1.233	3.6	15.0	20.3
23DQ61		58	4.442	1.304	1.284	5.6	19.2	19.5
24D95 (HN)		50	3.542	1.493		7.1	16.7	
24D95 (HN)		95	2.623	1.231	1.109	9.5	20.3	22.5
24D95 (HN)		140	2.22	1.114	2.912	11.3	22.4	8.6
25D120 (HAA)		60	2.356	1.113	1.187	10.6	22.5	21.1
25D120 (HAA)		120	1.655	0.981	0.75	15.1	25.5	33.3
25D120 (HAA)		180	1.252	0.69	0.495	20.0	36.2	50.5
25D30 (HB)		30	11.027	3.059		2.3	8.2	
25D30 (HB)		40	9.597	2.795		2.6	8.9	
25D30 (HB)		50	8.63	2.611		2.9	9.6	
25DQ85		40	4.191	1.402		6.0	17.8	
25DQ85		85	2.989	1.093	0.953	8.4	22.9	26.2
25DQ85		125	2.591	1.028	0.794	9.6	24.3	31.5
25Y60 (HX)		60	5.478	1.855		4.6	13.5	
25Y60 (HX)		90	4.691	1.672	1.493	5.3	15.0	16.7
25Y60 (HX)		120	3.925	1.291	1.021	6.4	19.4	24.5
28DQ93		50	4.41	0.645	0.487	5.7	38.8	51.3
28DQ93		93	3.643	0.592	0.44	6.9	42.2	56.8
28DQ93		150	3.023	0.551	0.387	8.3	45.4	64.6
28X28X11		28	31.638	5.131		0.8	4.9	
28Y50		50	10.906	2.028	1.525	2.3	12.3	16.4
28Y50		100	7.249	1.653	1.257	3.4	15.1	19.9
28Y50		150	5.325	1.404	0.971	4.7	17.8	25.7
30DQ79		40	3.869	1.242		6.5	20.1	
30DQ79		80	2.882	1.014	0.931	8.7	24.7	26.9
30DQ79		120	2.468	0.922	0.74	10.1	27.1	33.8
30S50		50	6.262	1.722	1.319	4.0	14.5	19.0
30S50		75	5.395	1.537	1.183	4.6	16.3	21.1
30S50		100	4.839	1.423	1.1	5.2	17.6	22.7
32S68 (HBZ)		35	6.344	1.498	1.177	3.9	16.7	21.2
32S68 (HBZ)		68	5.13	1.183	0.922	4.9	21.1	27.1
32S68 (HBZ)		100	4.408	1.056	0.823	5.7	23.7	30.4
35DQ61		58	3.66	0.868	0.87	6.8	28.8	28.7
36DQ38		38	7.068	4.616	3.016	3.5	5.4	8.3
36DQ38		76	4.901	2.688	1.752	5.1	9.3	14.3
38DQ69		69	4.144	0.571	0.429	6.0	43.8	58.3
38DQ69		140	3.228	0.454	0.312	7.7	55.1	80.1
38DQ69		200	2.788	0.438	0.286	9.0	57.1	87.4
38DQ84		50	4.16	0.588	0.426	6.0	42.5	58.7
38DQ84		84	3.791	0.518	0.374	6.6	48.3	66.8
38DQ84		130	2.658	0.437	0.302	9.4	57.2	82.8
40DQ64		64	5.912	0.656	0.499	4.2	38.1	50.1
40DQ64		130	3.816	0.493	0.352	6.6	50.7	71.0

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			0	2	4	0	2	4
50DQ55		50	5.474	0.778	0.584	4.6	32.1	42.8
50DQ55		100	3.73	0.588	0.421	6.7	42.5	59.4
6DQ61		58	10.619	3.584	2.376	2.4	7.0	10.5
8DQ102		50	4.67	2.242	1.623	5.4	11.2	15.4
8DQ102		100	3.315	1.83	1.307	7.5	13.7	19.1
8DQ102		200	2.294	1.483	1.01	10.9	16.9	24.8
8Y19 (HD)		20	46.919	10.989	7.576	0.5	2.3	3.3
8Y19 (HD)		40	35.304	9.09	6.176	0.7	2.8	4.0
8Y19 (HD)		60	29.187	7.903	5.44	0.9	3.2	4.6
93DQ111		100	1.002	0.216	0.168	25.0	115.7	148.8
93DQ111		200	0.687	0.157	0.117	36.4	159.2	213.7