



PUSH PIN HEATSINKS

PIN FIN HEATSINKS

3111 Independence Dr.
Livermore, CA 94551

Tel: 888.509.2665

Tel: 925.292.1293

Fax: 925.282.5061

 **Cooling Source**[®]

www.coolingsource.com



PUSH PIN HEATSINKS

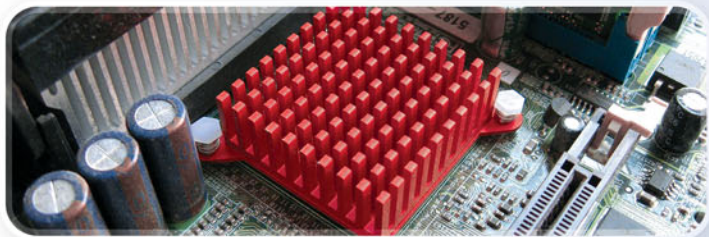
The CS867 series offers a broad range of standard black anodized aluminum pin fin heatsinks. The Push pin attachment provides enhanced reliability where vibration is a concern.

Features and benefits:

- Spring load maintains even pressure onto the chip
- High efficiency pin fin for low pressure drop
- Two fin heights are offered to support space limitations and thermal challenges
- Omi-directional airflow to maximize heat dissipation
- Re-workable
- Offered with a phase change interface material to maximize heat transfer
- Off-the shelf products

PART NUMBER	SIZE	HEIGHT	PG	200LFM	400LFM	600LFM
CS86717095B0	17x17	9.5	0	9,87	7,12	6,05
CS86717095B1	17x17	9.5	1	9,87	7,12	6,05
CS86720095B0	20x20	9.5	0	9,84	7,08	5,98
CS86720095B1	20x20	9.5	1	9,84	7,08	5,98
CS8672510B0	25x25	10	0	9,72	6,98	5,90
CS8672510B1	25x25	10	1	9,86	7,12	6,04
CS8672520B0	25x25	20	0	5,72	4,11	3,49
CS8672520B1	25x25	20	1	5,86	4,25	3,63
CS8673010B0	30x30	10	0	7,05	5,07	4,27
CS8673010B1	30x30	10	1	7,15	5,17	4,37
CS8673020B0	30x30	20	0	3,72	2,65	2,22
CS8673020B1	30x30	20	1	3,82	2,75	2,32
CS8673510B0	35x35	10	0	5,53	3,96	3,34
CS8673510B1	35x35	10	1	5,61	4,04	3,42
CS8673520B0	35x35	20	0	3,19	2,27	1,91
CS8673520B1	35x35	20	1	3,26	2,35	1,99
CS8674010B0	40x40	10	0	4,22	2,97	2,49
CS8674010B1	40x40	10	1	4,28	3,03	2,55
CS8674020B0	40x40	20	0	2,52	1,79	1,50
CS8674020B1	40x40	20	1	2,58	1,85	1,56
CS8674510B0	45x45	10	0	3,69	2,59	2,16
CS8674510B1	45x45	10	1	3,73	2,63	2,20
CS8674520B0	45x45	20	0	2,18	1,55	1,31
CS8674520B1	45x45	20	1	2,22	1,59	1,35

- Included phase change material: Chomerics T710



PIN FIN HEATSINKS

The CS946 series offers a versatile and broad range of standard black anodized aluminum pin fin heatsinks. Easy tape attachment eliminates the need for mounting holes in the PC board.

Features and benefits:

- Fits on various chip packages
- High efficiency pin fin for low pressure drop
- Suitable for plastic, metal/ceramic packages
- Two fin heights are offered to support space limitations and thermal challenges
- Omi-directional airflow to maximize heat dissipation
- Off-the shelf products

PART NUMBER	SIZE	HEIGHT	TAPE	200LFM	400LFM	600LFM
CS9461010BM	10x10	10	M	25,5	19,6	17,0
CS9461010BP	10x10	10	P	32,0	26,1	23,6
CS9461020BM	10x10	20	M	17,6	13,9	12,3
CS9461020BP	10x10	20	P	24,1	20,4	18,8
CS9461210BM	12x12	10	M	9,82	7,77	7,64
CS9461210BP	12x12	10	P	9,82	7,77	7,64
CS9461510BM	15x15	10	M	9,83	7,77	7,04
CS9461510BP	15x15	10	P	9,83	7,77	7,04
CS9461719BM	17x17	19.5	M	4,59	3,93	2,94
CS9461719BP	17x17	19.5	P	4,59	3,93	2,94
CS9462310BM	23x23	10	M	7,42	5,39	4,55
CS9462310BP	23x23	10	P	8,66	6,74	5,80
CS9462320BM	23x23	20	M	4,50	3,38	2,90
CS9462320BP	23x23	20	P	5,73	4,61	4,13
CS9462510BM	25x25	10	M	5,71	4,13	3,41
CS9462510BP	25x25	10	P	6,76	5,18	4,46
CS9462520BM	25x25	20	M	3,50	2,63	2,25
CS9462520BP	25x25	20	P	4,55	3,68	3,30
CS9462710BM	27x27	10	M	5,24	3,77	3,14
CS9462710BP	27x27	10	P	6,14	4,67	4,04
CS9462720BM	27x27	20	M	3,31	2,50	2,14
CS9462720BP	27x27	20	P	4,21	3,40	3,04
CS9463010BM	30x30	10	M	4,80	3,44	2,85
CS9463010BP	30x30	10	P	5,53	4,16	3,58
CS9463020BM	30x30	20	M	2,76	2,09	1,79
CS9463020BP	30x30	20	P	3,49	2,82	2,52
CS9463119BM	31x31	19.5	M	3,68	2,61	2,16
CS9463119BP	31x31	19.5	P	3,68	2,61	2,16
CS9463510BM	35x35	10	M	3,73	2,58	2,11
CS9463510BP	35x35	10	P	4,26	3,11	2,64
CS9463520BM	35x35	20	M	2,15	1,56	1,32
CS9463520BP	35x35	20	P	2,68	2,09	1,85
CS9464010BM	40x40	10	M	2,95	2,03	1,66
CS9464010BP	40x40	10	P	3,36	2,44	2,07
CS9464020BM	40x40	20	M	1,79	1,30	1,09
CS9464020BP	40x40	20	P	2,20	1,71	1,50
CS9464510BM	45x45	10	M	2,42	1,64	1,33
CS9464510BP	45x45	10	P	2,75	1,96	1,65
CS9465005BM	50x50	5	M	3,92	2,58	2,04
CS9465005BP	50x50	5	P	4,18	2,84	2,30

- For metal package: Chomerics tape T412
- For plastic package: Chomerics tape T411