

Heatsink-chart

SK 440 D 30	SK 441 D 30	SK 458 D 30	SK 461 D 30	SK 497 D 30	SK 498 D 30
SK 47 A 49	SK 49 A 51	SK 56 A 54	SK 66 A 55	SK 90 A 48	SK 91 A 52
SK 93 A 56	SK 101 A 54	SK 102 A 50	SK 130 A 56	SK 139 A 53	
SK 149 A 53	SK 154 A 46	SK 155 A 45	SK 157 A 54	SK 158 A 58	
SK 159 A 58	SK 160 A 58	SK 161 A 58	SK 162 A 58		
SK 168 A 50	SK 190 A 52	SK 191 A 56	SK 193 A 50		
SK 198 A 53	SK 199 A 51	SK 416 A 47	SK 418 A 58	SK 438 A 52	
SK 439 A 55	SK 446 A 53	SK 466 A 43	SK 479 A 55		
SK 501 A 54	SK 502 A 49	SK 507 A 40	SK 510 A 46	SK 520 A 50	SK 523 A 55
SK 524 A 52	SK 530 A 57	SK 531 A 57	SK 533 A 57		
SK 535 A 57	SK 536 A 57	SK 537 A 57	SK 538 A 57		

SK 539 A 57		SK 540 A 57		SK 553 A 44	SK 555 A 51	SK 557 A 50
SK 568 A 54	SK 579 A 55		SK 580 A 51	SK 588 A 45	SK 591 A 49	SK 601 A 44
SK 613 A 43	SK 614 A 52		SK 621 A 56		SK 57 A 64	SK 30 A 67
SK 82 A 75		SK 86 A 75		SK 15 A 77	SK 163 A 78	SK 556 A 77
SK 83 A 79	SK 108 A 80	SK 109 A 80	SK 110 A 80	SK 435 A 81	SK 144 A 82	SK 584 B 44
SK 615 B 45	SK 33 A 42	SK 42 A 49		SK 58 A 45		SK 85 A 46
SK 94 A 49		SK 113 A 48		SK 118 A 51		SK 119 A 47
SK 120 A 45	SK 121 A 42	SK 132 A 44	SK 133 A 44	SK 135 A 39	SK 136 A 48	SK 411 A 42
SK 412 A 47		SK 413 A 43	SK 429 A 37	SK 463 A 43		SK 467 A 33
SK 504 A 45		SK 519 A 48	SK 583 A 53		SK 595 A 43	SK 71 A 64
SK 404 A 65		SK 02 A 66	SK 34 A 67	SK 67 A 69	SK 148 A 68	SK 88 A 73
SK 80 A 74		SK 147 A 74				

< 1 K/W	1-1,5 K/W	1,5-2 K/W	2-2,5 K/W
2,5-3 K/W	3-4 K/W	4-5 K/W	> 5 K/W

Heatsink-chart

SK 89 A 77	SK 140 A 77	SK 06 A 79	SK 23 A 79	SK 194 A 81	SK 40 A 82	SK 61 A 82	SK 415 A 90	SK 569 B 43
SK 570 B 44	SK 571 B 44	SK 572 B 44	SK 577 B 43	SK 578 B 43	SK 599 B 45	SK 602 B 43	SK 50 A 37	SK 100 A 38
SK 166 A 48		SK 408 A 40		SK 410 A 44		SK 417 A 46		
SK 421 A 47		SK 433 A 41	SK 442 A 42		SK 453 A 33	SK 455 A 33	SK 464 A 39	SK 527 A 35
SK 04 A 64	SK 72 A 63	SK 401 A 63	SK 403 A 64	SK 14 A 67	SK 39 A 67	SK 20 A 68	SK 84 A 68	
SK 184 A 68	SK 74 A 71	SK 124 A 71	SK 195 A 71		SK 500 A 72	SK 08 A 73	SK 60 A 74	
SK 176 A 78	SK 172 A 81	SK 432 A 82	SK 46 B 43	SK 598 B 42	SK 407 A 39	SK 436 A 37	SK 450 A 34	SK 505 A 41
SK 508 A 41		SK 612 A 39		SK 73 A 64		SK 97 A 62	SK 03 A 66	SK 419 A 70
SK 16 A 72		SK 79 A 73	SK 187 A 76	SK 11 A 79	SK 111 A 81	SK 44 A 90		SK 81 A 41
SK 189 A 32	SK 405 A 47		SK 406 A 38	SK 434 A 35	SK 445 A 34	SK 05 A 62	SK 18 A 62	SK 25 A 61
SK 28 A 63		SK 63 A 62	SK 402 A 62	SK 01 A 66	SK 64 A 70	SK 48 A 73	SK 52 A 74	SK 32 A 76

Heatsink-chart classified in categories of thermal resistance at 75 mm length

SK 544 A 76	SK 596 A 76	SK 175 A 83	SK 105 A 90	SK 484 A 110	SK 487 A 87	SK 499 A 87	SK 514 A 86	
SK 593 A 87	SK 617 A 88	SK 99 A 37	SK 106 A 31	SK 134 A 28	SK 182 A 40	SK 424 A 34	SK 425 A 34	SK 426 A 36
SK 475 A 35	SK 545 A 39	SK 546 A 40	SK 567 A 35	SK 594 A 38	SK 19 A 63			
SK 45 A 63	SK 51 A 61	SK 165 A 61	SK 181 A 60	SK 36 A 66	SK 21 A 70	SK 65 A 70		
SK 69 A 71	SK 07 A 72	SK 55 A 83	SK 68 A 89	SK 112 A 89	SK 128 A 91	SK 414 A 90		
SK 481 A 85	SK 482 A 86	SK 483 A 87	SK 489 A 85	SK 495 A 87	SK 517 A 93	SK 518 A 93	SK 585 ... B 42	SK 589 A 86
SK 610 A 92	SK 618 B 42	SK 619 B 42	SK 620 B 42	SK 156 A 36	SK 174 A 30	SK 179 A 30	SK 180 A 36	SK 422 A 32
SK 444 A 38	SK 468 A 36	SK 472 A 31	SK 485 A 38	SK 566 A 26	SK 78 A 61	SK 107 A 60	SK 122 A 60	SK 150 A 61
SK 173 A 59	SK 185 A 73	LA LED 68 B 50	SK 96 A 91	SK 138 A 91	SK 451 A 91	SK 490 A 84	SK 573 A 85	SK 574 A 86
SK 576 A 85	SK 611 A 92	SK LED 2 B 48	SK LED 3 B 48	SK 177 A 27	SK 178 A 28	SK 400 A 28	SK 420 A 31	SK 423 A 32
SK 427 A 36	SK 437 A 24	SK 447 A 26	SK 448 A 27	SK 452 A 27	SK 454 A 24	SK 456 A 30	SK 469 A 23	

< 1 K/W	1-1,5 K/W	1,5-2 K/W	2-2,5 K/W
2,5-3 K/W	3-4 K/W	4-5 K/W	> 5 K/W

Heatsink-chart

SK 470 A 22	SK 471 A 29	SK 473 A 25	SK 476 A 24	SK 477 A 24	SK 478 A 23	SK 486 A 25	SK 493 A 28	SK 496 A 22
SK 509 A 29	SK 511 A 32	SK 513 A 31	SK 521 A 24	SK 522 A 23	SK 547 A 31	SK 548 A 34	SK 549 A 29	SK 550 A 27
SK 551 A 25	SK 552 A 23	SK 554 A 26	SK 558 A 23	SK 559 A 25	SK 560 A 26	SK 561 A 26	SK 562 A 29	SK 563 A 30
SK 564 A 30	SK 565 A 22	SK 581 A 28	SK 582 A 25	SK 586 A 22	SK 587 A 29	SK 597 A 27	SK 616 A 22	SK 09 A 59
SK 59 A 60	SK 145 A 59	SK 443 A 59	SK 31 A 72	SK 153 A 83	SK 494 A 83	ICK ... B B 52	ICK ... H B 52	ICK ... L B 52
SFP A 135	SK 12 A 123	SK 13 A 123	SK 75 A 105	SK 76 A 105	SK 95 A 108	SK 115 A 123	SK 125 A 91	SK 126 A 107
SK 431 ... A 124	SK 480 A 84	SK 492 A 84	SK 512 A 84	SK 515 A 94	SK 515 05 A 94	SK 516 A 94	SK 575 A 84	SK 609 A 92
SK LED 1 B 48	STP A 136	SU A 135	SVP A 136	SWP A 135	UK 14 SA ... A 123			

	TO 3	TO 66	SOT 9	TO 220	SOT 32
					
extruded profiles	SK 01 SK 02 SK 03 SK 04 SK 05 SK 07 SK 08 SK 14 SK 16 SK 18 SK 19 SK 20 SK 21 SK 28 SK 30 SK 31 SK 34 SK 36 SK 39 SK 45 SK 48 SK 52 SK 53 SK 55 SK 60 SK 63 SK 67 SK 69 SK 71 SK 72 SK 73 SK 74 SK 78 SK 79 SK 80 SK 84 SK 88 SK 97 SK 122 SK 124 SK 147 SK 148 SK 150 SK 165 SK 185 SK 195 SK 197 SK 401 SK 402 SK 404	SK 01 SK 02 SK 03 SK 04 SK 05 SK 07 SK 08 SK 14 SK 16 SK 18 SK 19 SK 20 SK 21 SK 28 SK 30 SK 31 SK 34 SK 36 SK 39 SK 45 SK 48 SK 52 SK 53 SK 55 SK 60 SK 63 SK 69 SK 71 SK 72 SK 73 SK 74 SK 78 SK 79 SK 80 SK 122 SK 147 SK 148 SK 150 SK 165 SK 185 SK 195 SK 197 SK 401 SK 402 SK 404	SK 01 SK 02 SK 03 SK 04 SK 05 SK 07 SK 08 SK 14 SK 16 SK 18 SK 19 SK 20 SK 21 SK 28 SK 30 SK 31 SK 34 SK 36 SK 39 SK 45 SK 48 SK 52 SK 53 SK 55 SK 60 SK 63 SK 69 SK 71 SK 72 SK 73 SK 74 SK 78 SK 79 SK 80 SK 122 SK 147 SK 148 SK 150 SK 165 SK 185 SK 195 SK 197 SK 401 SK 402 SK 404	SK 09 SK 59 SK 145	SK 01 SK 02 SK 03 SK 04 SK 05 SK 07 SK 08 SK 14 SK 16 SK 18 SK 19 SK 20 SK 21 SK 28 SK 30 SK 31 SK 34 SK 36 SK 39 SK 45 SK 48 SK 52 SK 53 SK 55 SK 60 SK 63 SK 69 SK 71 SK 72 SK 73 SK 74 SK 78 SK 79 SK 80 SK 122 SK 147 SK 148 SK 150 SK 165 SK 185 SK 195 SK 197 SK 401 SK 402 SK 404

Assignment table of transistor heatsinks

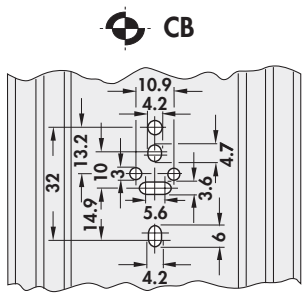
	TO 3 	TO 66 	SOT 9 	TO 5 	TO 247 	TO 3 P 
extruded heatsink with solder pins					SK 126 SK 145 SK 437 SK 459 SK 484	SK 104 SK 129 SK 400 SK 409 SK 448 SK 456 SK 484
extruded heatsinks	WP 4030				SK 126 SK 452	SK 452
set-up/clip-on heatsinks	AKK 127 AKK 191				FK 243 FK 245	
finger-shaped heatsinks	FK 201 FK 202 FK 205 FK 206 FK 223 FK 236	FK 201 FK 202 FK 205 FK 206 FK 207 FK 208 FK 217 FK 225 FK 234 FK 236	FK 201 FK 202 FK 205 FK 206 FK 207 FK 208 FK 217 FK 234 FK 236			
small heatsinks				KF KK 562 SKK		

	TO 218 	TO 220 	SOT 32 	DIL 	PLCC 	P-SIP 	PGA/BGA 
U-heatsinks		ICK 35 SK 13 SK 431 UK 14	SK 12				assignment table → B 2 - 10
extruded heatsink with solder pin	SK 145 SK 437 SK 459 SK 460	SK 75 SK 104 SK 129 SK 145 SK 185 SK 409 SK 459 SK 460	SK 104 SK 129 SK 409 SK 459 SK 469 SK 470			SK 459 SK 460	
extruded heatsinks	SK 126 SK 452	SK 95 SK 126 SK 452 SK 454 SK 517 SK 518	SK 95 SK 454	ICK...B ICK..H ICK...L	ICK PLCC ICK R		
set-up/clip-on heatsinks	FK 224 FK 241 SK 516	FK 220 FK 224 FK 237 SK 515				FK 224 FK 241	
finger-shaped heatsinks	FK 224 FK 243 FK 245	FK 205 FK 206 FK 207 FK 208 FK 210 FK 212 FK 214 FK 216 FK 217 FK 218 FK 219 FK 220 FK 222 FK 225 FK 227 FK 228 FK 229 FK 230 FK 231 FK 232 FK 233 FK 234 FK 235 FK 247	FK 201 FK 205 FK 206 FK 207 FK 208 FK 209 FK 210 FK 211 FK 212 FK 213 FK 214 FK 215 FK 216 FK 217 FK 218 FK 219 FK 223 FK 234 FK 235 FK 236 FK 239			FK 224	
small heatsinks			KK 32 KK 92				

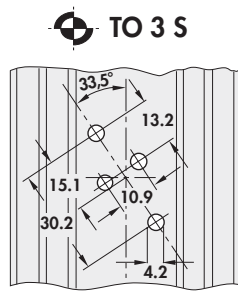
A

B

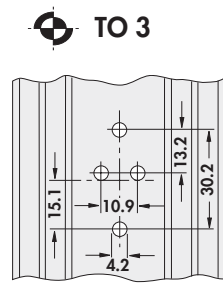
Hole pattern



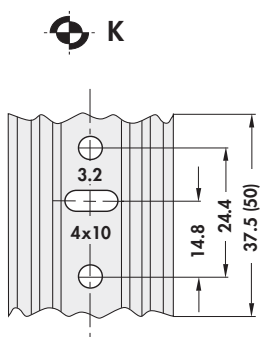
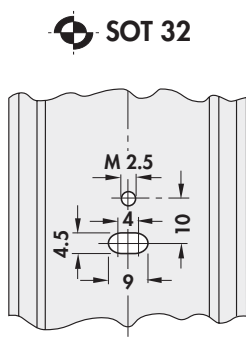
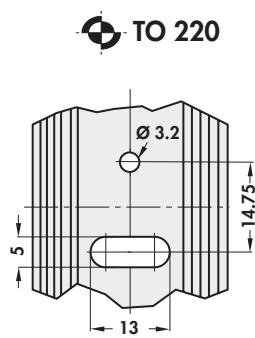
CB = TO 3 + SOT 9 + TO 66 + SOT 32
at $\longleftrightarrow$ 37.5 mm oblique drilling



TO 3 oblique drilling for $\longleftrightarrow$ 37.5 mm



TO 3 exceeding $\longleftrightarrow$ 50 mm



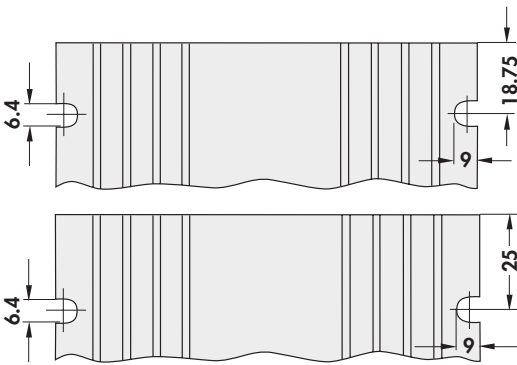
SOT 32 / TO 220 exceeding $\longleftrightarrow$ 37.5 mm

Standard hole pattern are processed as complete pin layouts, centered on the length of the heatsink.
Other positions of the pin layout on the heatsink, multiple drillings or changes of the drillings are processed according to customer's requirements.

For heatsinks exceeding $\longleftrightarrow$ 75 mm standard hole pattern can be supplied in multiple design.

G

Fixing slots



$\longleftrightarrow$ [mm]	number of fixing slots
37.5	2
75	4

$\longleftrightarrow$ [mm]	number of fixing slots
50	2
100	4

Heatsinks with the following shape and a standard hole pattern have these fixing slots as part of the serial production

Order example

SK 01	50	SA	TO3
profile	length	surface	pin layout

Surface treatment for heatsinks with standard drilling: black anodised (SA).

Raw degreased aluminium (AL) and clear natural anodise (ME) on request.

M

N