
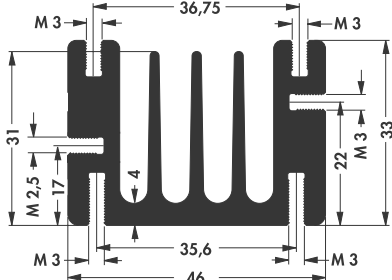
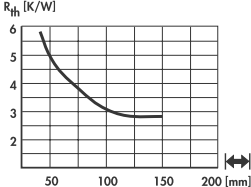

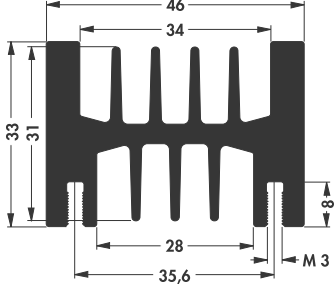
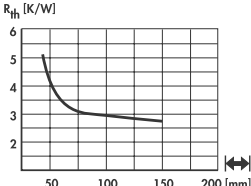


Extruded heatsinks for PCB mounting

Heatsinks for printed circuit boards

- matching cylindrical screws according to DIN 84 with zinc coated surface
- M 3 thread diameter: 2.90 ... 2.94 mm (**art. no.:** SZ M 3 x 8)
- screw-in solder pin M 3 (**art. no.:** ELS 3)


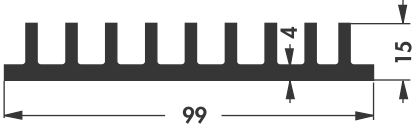
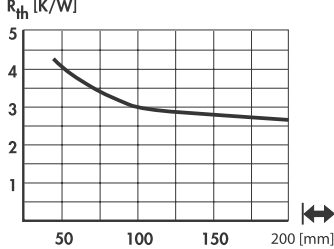


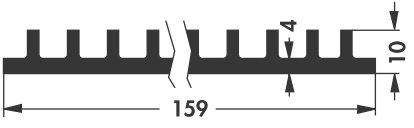
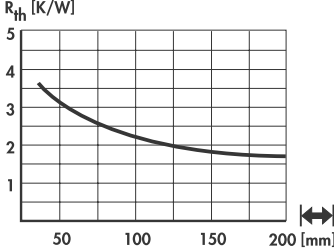



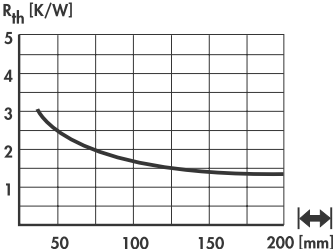



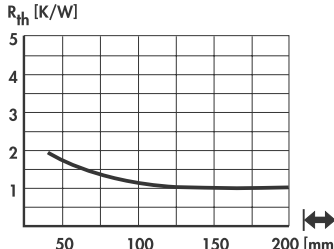

| | | | |
|---|---|--|---|
| <p>art. no.</p> <p>SK 68 ...</p> |  |  |  |
| <p>art. no.</p> <p>SK 112 ...</p> |  |  |  |
| <p>please indicate: ... $\leftarrow \rightarrow$ 37.5 50 75 94 100 1000 mm</p> | | | |

please note: profile threads → A 5

Extruded heatsinks for PCB mounting

Heatsinks for printed circuit boards

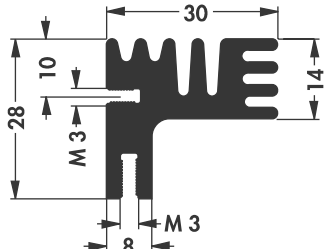
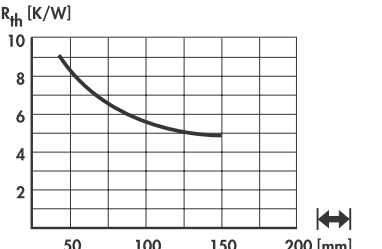
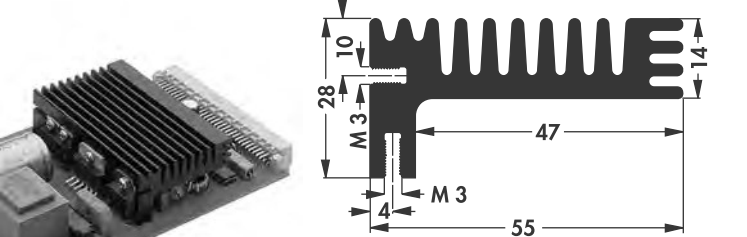
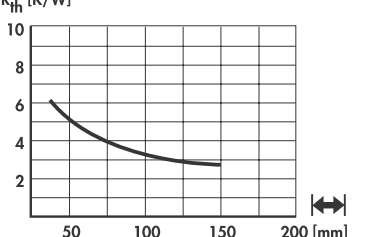
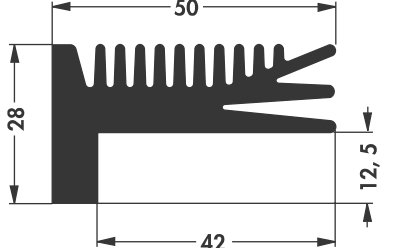
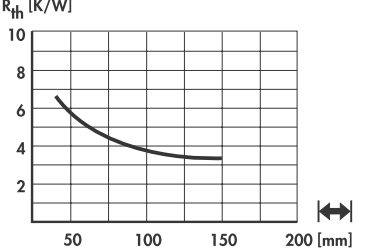
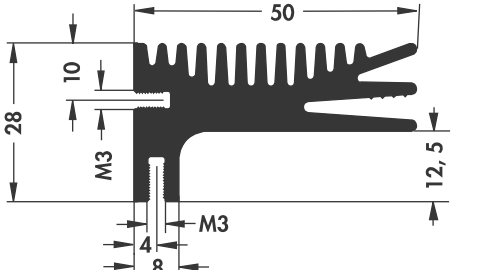
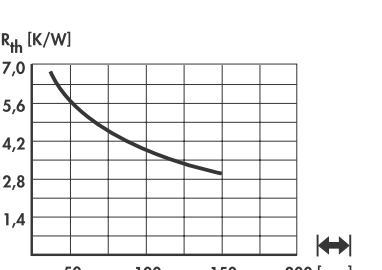
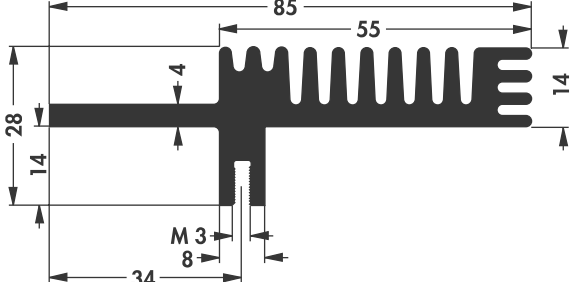
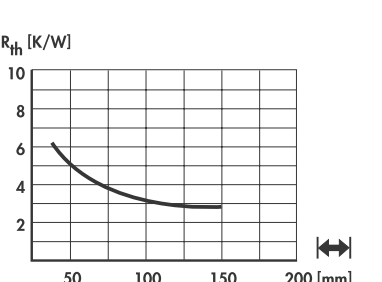
– the heatsinks SK 414, SK 105, SK 44 and SK 415 are especially suitable for printed circuit board heatsinks for 19" plug in units

| | | | |
|--|---|--|---|
| <p>art. no.</p> <p>SK 414 ...</p> |  |  |  |
| <p>please indicate: ...  100 233.4 1000 mm</p> | | | |
| <p>art. no.</p> <p>SK 105 ...</p> |  |  |  |
| <p>please indicate: ...  37.5 50 75 100 150 200 233.4 1000 mm</p> | | | |
| <p>art. no.</p> <p>SK 44 ...</p> |  |  |  |
| <p>please indicate: ...  50 75 100 150 200 233.4 1000 mm</p> | | | |
| <p>art. no.</p> <p>SK 415 ...</p> |  |  |  |
| <p>please indicate: ...  37.5 100 150 1000 mm</p> | | | |

Extruded heatsinks for PCB mounting

Heatsinks for printed circuit boards

– for use on eurocards


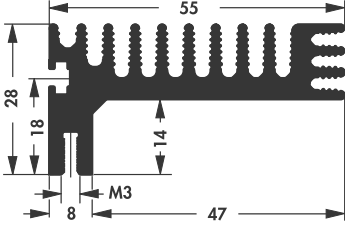
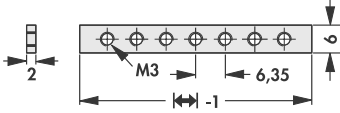
| | | |
|---|---|---|
| art. no. SK 125 ... |  |  |
| screws M 3: art. no.: SZ M 3 x 8 ; screw-in solder pin: art. no.: ELS 3 | | |
| art. no. SK 96 ... |  |  |
| screws M 3: art. no.: SZ M 3 x 8 ; screw-in solder pin: art. no.: ELS 3 | | |
| please indicate: ... --- 50 84 94 1000 mm | | |
| art. no. SK 138 ... |  |  |
| art. no. SK 451 ... |  |  |
| screws M 3: art. no.: SZ M 3 x 8 ; screw-in solder pin: art. no.: ELS 3 | | |
| art. no. SK 128 ... |  |  |
| screws M 3: art. no.: SZ M 3 x 8 ; screw-in solder pin: art. no.: ELS 3 | | |
| please indicate: ... --- 50 84 94 1000 mm | | |

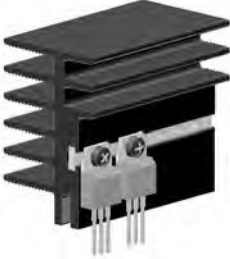
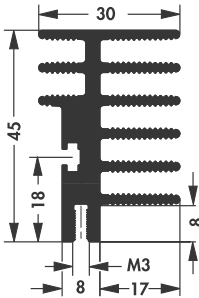
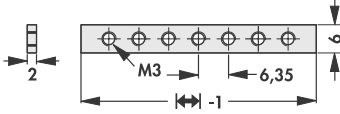
please note: profile pressed threads → A 5

Extruded heatsinks for PCB mounting

Heatsink for PCB with threaded rail

- transistor mounting onto the heatsink using a slide-in rail with M 3 thread
- easy positioning using a grid 6.35mm
- other rail grids upon request
- suitable for TO 220, TO 218, TO 247 and similar
- suitable screws M 3 (**art. no.: SZ M 3 x 8**)
- screw-in solder pin M 3 (**art. no.: ELS 3**)
- specific versions upon customer's request

|  |  |  | | |
|---|---|--|--------|-----------------------|
| art. no. | ↔ [mm] | R _{th} [K/W] | ⌀ | version |
| SK 517 50 GS | 50 | 5.0 | TO 220 | with threaded rail |
| SK 517 75 GS | 75 | 3.9 | TO 220 | with threaded rail |
| SK 517 84 GS | 84 | 3.6 | TO 220 | with threaded rail |
| SK 517 50 | 50 | 5.0 | — | without threaded rail |
| SK 517 75 | 75 | 3.9 | — | without threaded rail |
| SK 517 84 | 84 | 3.6 | — | without threaded rail |

|  |  |  | | |
|--|--|--|--------|-----------------------|
| art. no. | ↔ [mm] | R _{th} [K/W] | ⌀ | version |
| SK 518 50 GS | 50 | 4.3 | TO 220 | with threaded rail |
| SK 518 75 GS | 75 | 3.3 | TO 220 | with threaded rail |
| SK 518 84 GS | 84 | 3.0 | TO 220 | with threaded rail |
| SK 518 50 | 50 | 4.3 | — | without threaded rail |
| SK 518 75 | 75 | 3.3 | — | without threaded rail |
| SK 518 84 | 84 | 3.0 | — | without threaded rail |

please note: profile threads → A 5

| | |
|-----------------|----------------|
| surface: | black anodised |
|-----------------|----------------|

Attachable heatsinks for transistors

- compact heatsink in transistor dimensions
- for horizontal and vertical transistors
- can be screwed or glued
- specific versions upon customer's request

| art. no. | ↳ [mm] | R _{th} [K/W] | ⌀ | version |
|---------------------------------|--------|-----------------------|----------|--------------------------|
| SK 515 10 S TO 220 | 10.0 | 30.0 | TO 220 | for screw fastening M2.5 |
| SK 515 23,5 S 2 x TO 220 | 23.5 | 27.5 | 2xTO 220 | for screw fastening M2.5 |
| SK 515 37 S 3 x TO 220 | 37.0 | 26.1 | 3xTO 220 | for screw fastening M2.5 |
| SK 515 10 TO 220 | 10.0 | 30.0 | — | without screw fastening |
| SK 515 23,5 TO 220 | 23.5 | 27.5 | — | without screw fastening |
| SK 515 37 TO 220 | 37.0 | 26.1 | — | without screw fastening |

| art. no. | ↳ [mm] | R _{th} [K/W] | ⌀ | version |
|-------------------------------|--------|-----------------------|----------|-------------------------|
| SK 516 15 S TO 218 | 15 | 28.4 | TO 218 | for screw fastening M3 |
| SK 516 33 S 2 x TO 218 | 33 | 26.9 | 2xTO 218 | for screw fastening M3 |
| SK 516 15 TO 218 | 15 | 28.4 | — | without screw fastening |

surface: black anodised

Attachable extruded heatsinks for transistors with thin bottom plate (0.5 mm)

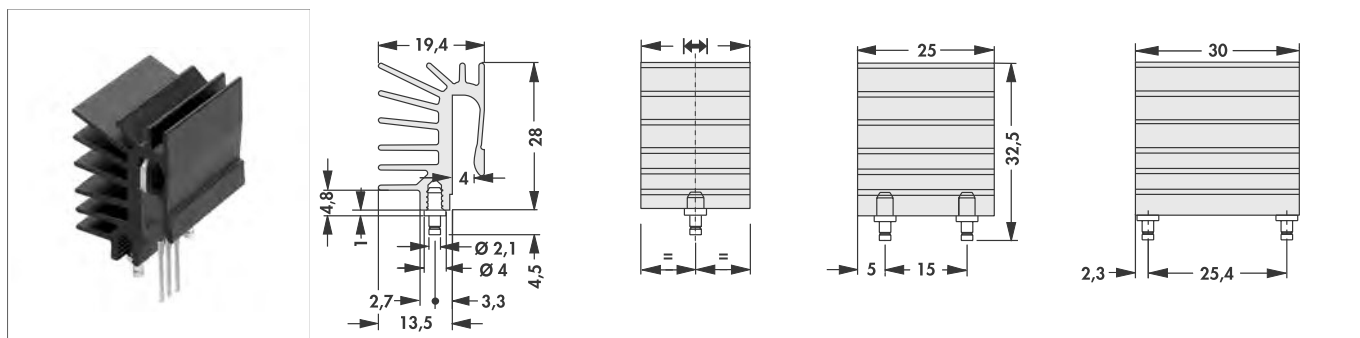
| art. no. | ↳ [mm] | R _{th} [K/W] | ⌀ | version |
|---------------------------|--------|-----------------------|----------|--------------------------|
| SK 515 05 10 S | 10.0 | 30.0 | TO 220 | for screw fastening M2.5 |
| SK 515 05 23,5 S 2 | 23.5 | 27.5 | 2xTO 220 | for screw fastening M2.5 |
| SK 515 05 37 S 3 | 37.0 | 26.1 | 3xTO 220 | for screw fastening M2.5 |
| SK 515 05 10 | 10.0 | 30.0 | — | without screw fastening |
| SK 515 05 23,5 | 23.5 | 27.5 | — | without screw fastening |
| SK 515 05 37 | 37.0 | 26.1 | — | without screw fastening |

surface: black anodised

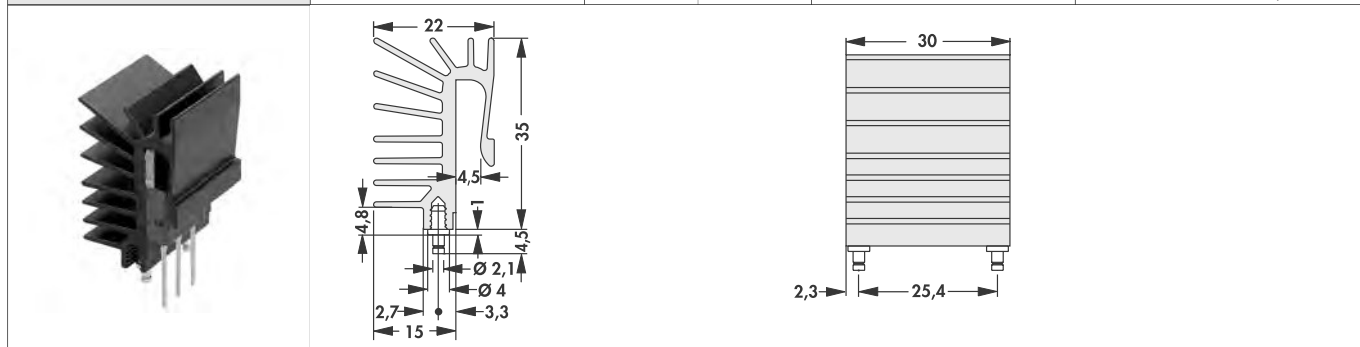
Extruded heatsinks for PCB mounting

Attachable heatsinks for transistors

- extruded heatsink with intergrated spring locking function
- simple assembly by pushing the heatsink onto the transistor
- optimum heat transfer between component and heatsink
- solderable pin for PCB mounting
- specific versions upon customer's request



| art. no. | for transistor | width [mm] | R_{th} [K/W] | spring force [N] | version |
|---------------------|----------------|------------|----------------|------------------|---------------------|
| SK 525 15 | TO 220 | 15 | 13.3 | 54 | without solder pins |
| SK 525 30 | TO 220 | 30 | 7.8 | 100 | without solder pins |
| SK 525 15 ST | TO 220 | 15 | 13.3 | 54 | with 1 solder pin |
| SK 525 20 ST | TO 220 | 20 | 10.7 | 70 | with 1 solder pin |
| SK 525 25 ST | TO 220 | 25 | 9.0 | 85 | with 2 solder pins |
| SK 525 30 ST | TO 220 | 30 | 7.8 | 100 | with 2 solder pins |



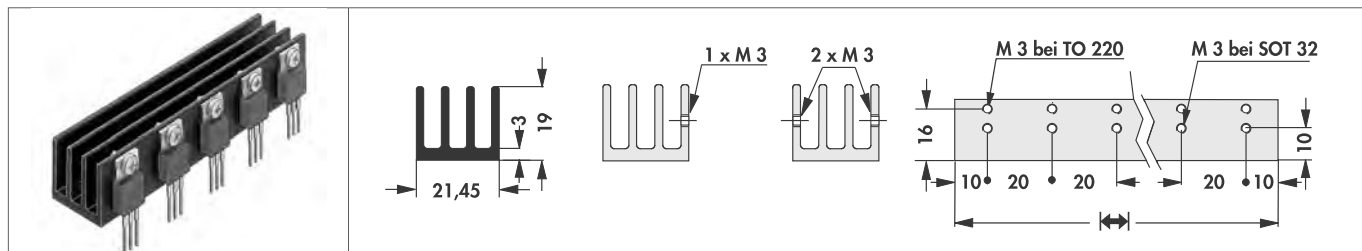
| art. no. | for transistor | width [mm] | R_{th} [K/W] | spring force [N] | version |
|---------------------|----------------|------------|----------------|------------------|--------------------|
| SK 526 30 ST | TO 247 | 30 | 6.3 | 100 | with 2 solder pins |

surface: black anodised

Extruded heatsinks for PCB mounting

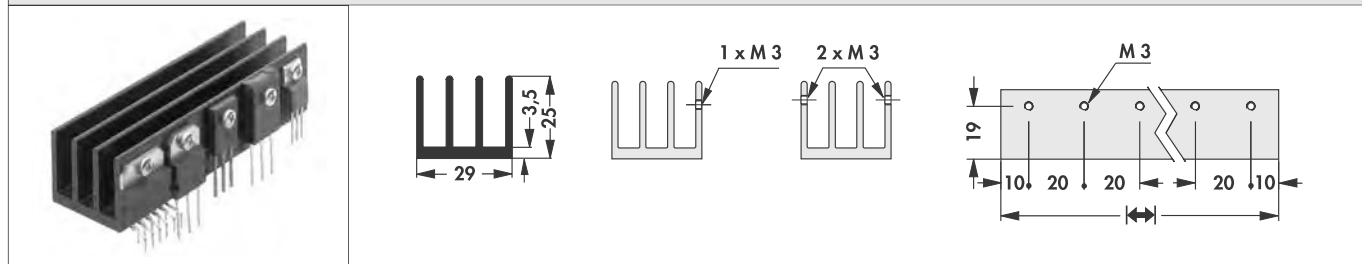
Extruded heatsinks for transistors

- compact PCB heatsink
- effective heat dissipation for single and double row transistor mounting
- profile **SK 454** → A 24
- profile **SK 452** → A 27
- specific versions upon customer's request



| art. no. | ↳ [mm] | R _{th} [K/W] | ⊕ |
|---------------------------------|--------|-----------------------|----------------|
| SK 454 20 1 x M3 ... | 20 | 10.8 | SOT 32/ TO 220 |
| SK 454 60 3 x M3 ... | 60 | 7.7 | SOT 32/ TO 220 |
| SK 454 20 2 x M3 ... | 20 | 10.8 | SOT 32/ TO 220 |
| SK 454 40 4 x M3 ... | 40 | 9.4 | SOT 32/ TO 220 |
| SK 454 60 6 x M3 ... | 60 | 7.7 | SOT 32/ TO 220 |
| SK 454 40 2 x M3 TO 220 | 40 | 9.4 | TO 220 |
| SK 454 80 4 x M3 TO 220 | 80 | 6.5 | TO 220 |
| SK 454 100 5 x M3 TO 220 | 100 | 5.9 | TO 220 |
| SK 454 80 8 x M3 TO 220 | 80 | 6.5 | TO 220 |
| SK 454 100 10xM3 TO 220 | 100 | 5.9 | TO 220 |

please indicate: ... ⊕ **SOT 32; TO 220**



| art. no. | ↳ [mm] | R _{th} [K/W] | ⊕ |
|---------------------------|--------|-----------------------|--|
| SK 452 20 1 x M3 | 20 | 11.1 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 40 2 x M3 | 40 | 7.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 60 3 x M3 | 60 | 5.9 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 80 4 x M3 | 80 | 4.9 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 100 5 x M3 | 100 | 4.3 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 20 2 x M3 | 20 | 11.1 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 40 4 x M3 | 40 | 7.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 60 6 x M3 | 60 | 5.9 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 80 8 x M3 | 80 | 4.9 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| SK 452 100 10 x M3 | 100 | 4.3 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |

surface: black anodised

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings upon request
- **P** = raised retaining stud, **E** = mounting method

| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|--------|
| SK 104 25,4 ... | 25.4 | 14 | TO 220 |
| SK 104 38,1 ... | 38.1 | 11 | TO 220 |
| SK 104 50,8 ... | 50.8 | 9 | TO 220 |
| SK 104 63,5 ... | 63.5 | 8 | TO 220 |

please indicate:

- ... mounting method
- STC** = with solder pin
- STIC** = with solder pin and insulating washer
- STCB** = with threaded bolt M 3, brass

surface: black anodised

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method

| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|------------------------|
| SK 104 25,4 ... | 25.4 | 14 | SOT 32/ TO 220/ TO 3 P |
| SK 104 38,1 ... | 38.1 | 11 | SOT 32/ TO 220/ TO 3 P |
| SK 104 50,8 ... | 50.8 | 9 | SOT 32/ TO 220/ TO 3 P |
| SK 104 63,5 ... | 63.5 | 8 | SOT 32/ TO 220/ TO 3 P |

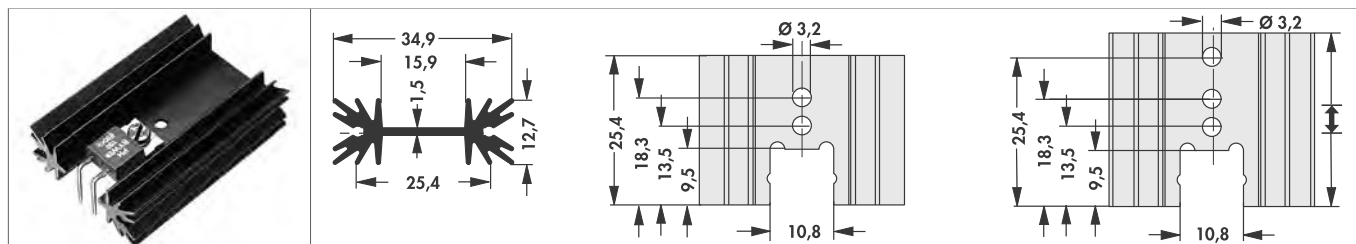
please indicate:

- ... mounting method
- STS** = with solder pin
- STIS** = with solder pins and insulating washer
- STSB** = with threaded bolt M 3, brass

surface: black anodised

Extruded heatsinks for PCB mounting

- horizontal for semiconductor screw-mounting
- special lengths and transistor drillings on request



| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------------|----------------|-----------------------|------------------------|
| SK 104 25,4 LS | 25.4 | 14 | SOT 32/ TO 220/ TO 3 P |
| SK 104 38,1 LS | 38.1 | 11 | SOT 32/ TO 220/ TO 3 P |
| SK 104 50,8 LS | 50.8 | 9 | SOT 32/ TO 220/ TO 3 P |
| surface: | black anodised | | |

A

B

C

D

E

F

G

H

I

K

L

M

Profiles for lock-in fixing spring
Assignment table
Thermal conductive material
Attachable heatsinks

→ A 84 – 88
→ A 18 – 20
→ E 2 – 5
→ C 10 – 16

Mica wafers
Kapton insulator washers
Thermal conductive paste
Technical introduction


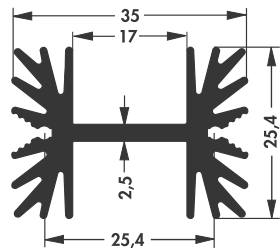
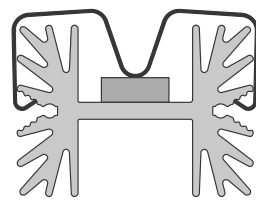
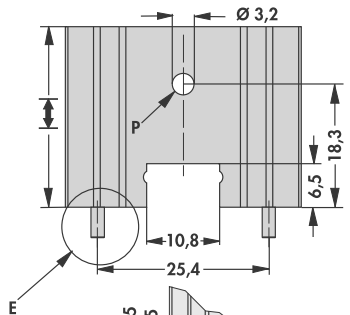
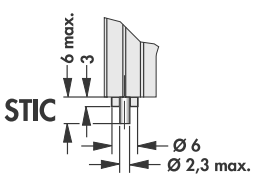
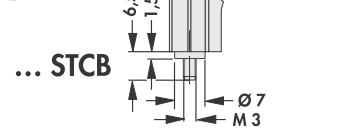
→ E 19
→ E 16
→ E 21
→ A 2 – 8

A 98

N

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings on request
- **P** = raised retaining stud, **E** = mounting method


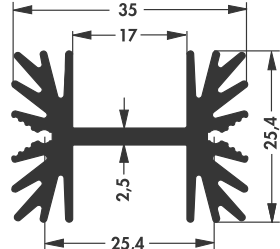
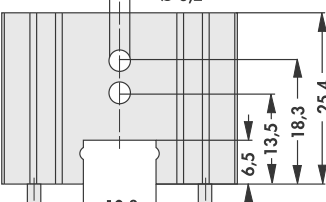
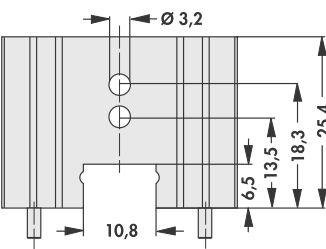
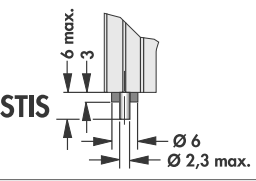
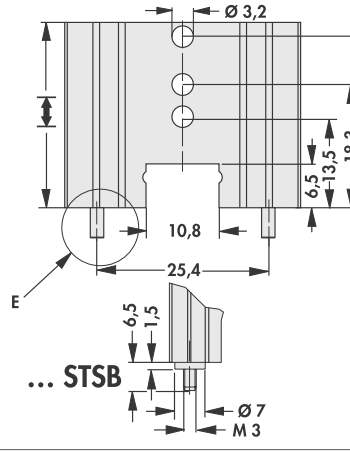







| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|--------------------------------|
| SK 600 25,4 ... | 25.4 | 11.0 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 38,1 ... | 38.1 | 9.0 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 50,8 ... | 50.8 | 7.3 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 63,5 ... | 63.5 | 6.5 | TO 218/ TO 220/ TO 247/ TO 3 P |

please indicate: ... mounting method
STC = with solder pin
STIC = with solder pin and insulating washer
STCB = with threaded bolt M 3, brass

surface: black anodised

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method


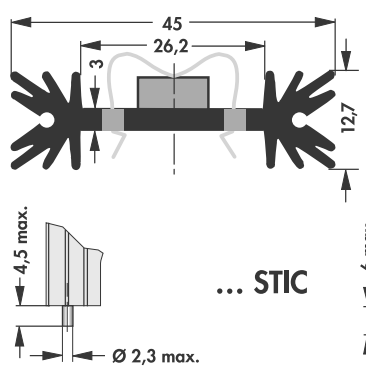
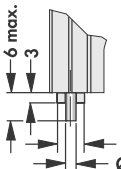
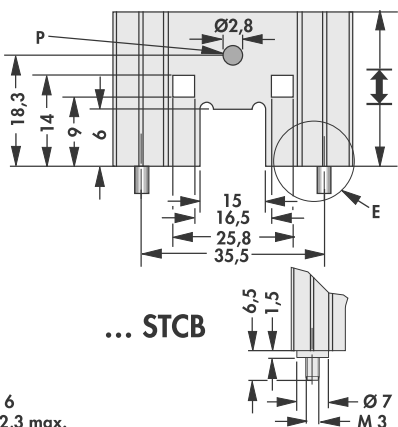
| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|--------------------------------|
| SK 600 25,4 ... | 25.4 | 11.0 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 38,1 ... | 38.1 | 9.0 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 50,8 ... | 50.8 | 7.3 | TO 218/ TO 220/ TO 247/ TO 3 P |
| SK 600 63,5 ... | 63.5 | 6.5 | TO 218/ TO 220/ TO 247/ TO 3 P |

please indicate: ... mounting method
STS = with solder pin
STIS = with solder pins and insulating washer
STSB = with threaded bolt M 3, brass

surface: black anodised

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings on request
- **P** = raised retaining stud, **E** = mounting method


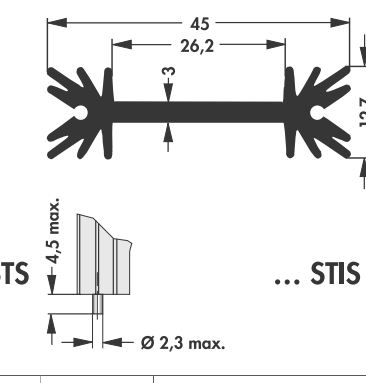
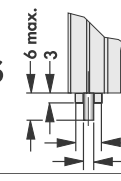
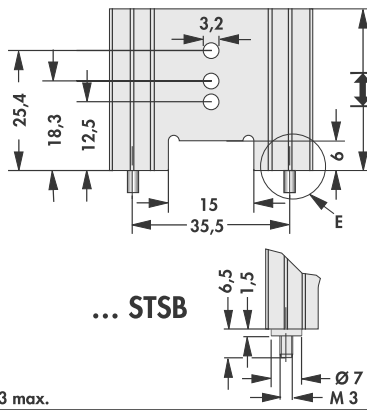





| art. no. | l [mm] | R _{th} [K/W] | |
|------------------------|--------|-----------------------|----------------|
| SK 409 25,4 ... | 25.4 | 8.2 | TO 220/ TO 3 P |
| SK 409 38,1 ... | 38.1 | 7.0 | TO 220/ TO 3 P |
| SK 409 50,8 ... | 50.8 | 6.2 | TO 220/ TO 3 P |
| SK 409 63,5 ... | 63.5 | 5.6 | TO 220/ TO 3 P |

please indicate: ... mounting method
STC = with solder pin
STIC = with solder pin and insulating washer
STCB = with threaded bolt M 3, brass

surface: black anodised

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method


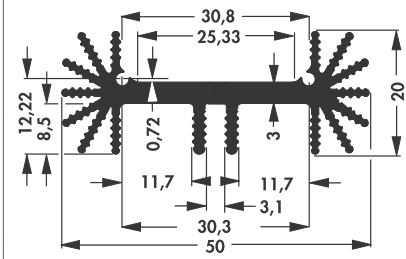
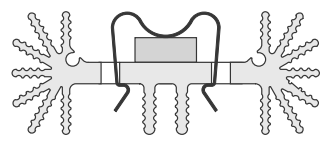
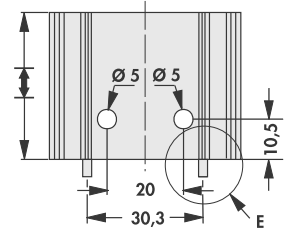
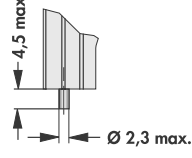
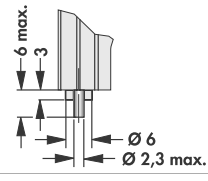
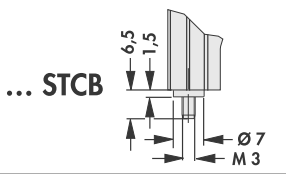
| art. no. | l [mm] | R _{th} [K/W] | |
|------------------------|--------|-----------------------|----------------|
| SK 409 25,4 ... | 25.4 | 8.2 | TO 220/ TO 3 P |
| SK 409 38,1 ... | 38.1 | 7.0 | TO 220/ TO 3 P |
| SK 409 50,8 ... | 50.8 | 6.2 | TO 220/ TO 3 P |
| SK 409 63,5 ... | 63.5 | 5.6 | TO 220/ TO 3 P |

please indicate: ... mounting method
STS = with solder pin
STIS = with solder pins and insulating washer
STSB = with threaded bolt M 3, brass

surface: black anodised

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings on request
- **E** = mounting method

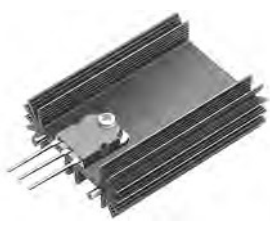
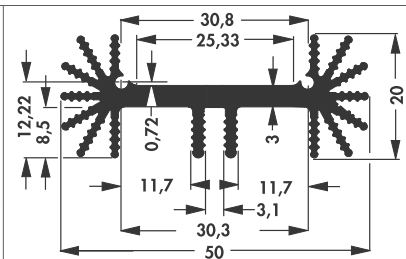

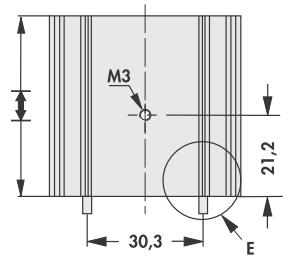
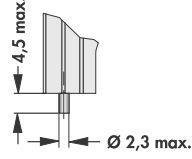
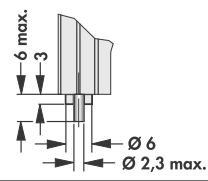
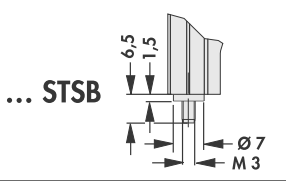








| art. no. | l [mm] | R _{th} [K/W] | |
|------------------------|--------|-----------------------|--------------------------------|
| SK 459 25 ... | 25.0 | 7.9 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 459 37,5 ... | 37.5 | 6.3 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 459 50 ... | 50.0 | 5.6 | TO 218/ TO 220/ TO 247/ TO 248 |

please indicate: ... mounting method
STC = with solder pin
STIC = with solder pin and insulating washer
STCB = with threaded bolt M 3, brass

surface: black anodised

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method


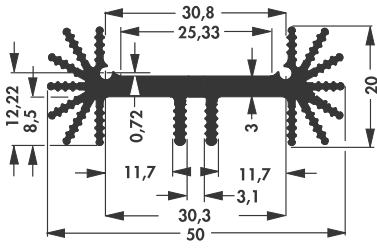
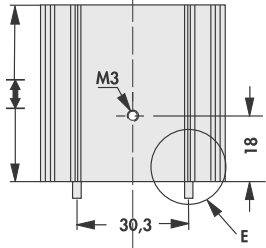
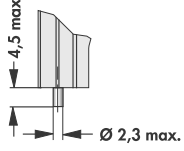
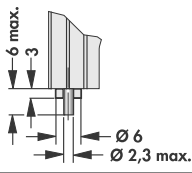
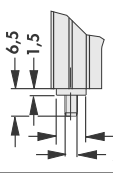
| art. no. | l [mm] | R _{th} [K/W] | |
|------------------------|--------|-----------------------|--------------------------------|
| SK 459 25 ... | 25.0 | 7.9 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 459 37,5 ... | 37.5 | 6.3 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 459 50 ... | 50.0 | 5.6 | TO 218/ TO 220/ TO 247/ TO 248 |

please indicate: ... mounting method
STS = with solder pin
STIS = with solder pins and insulating washer
STSB = with threaded bolt M 3, brass


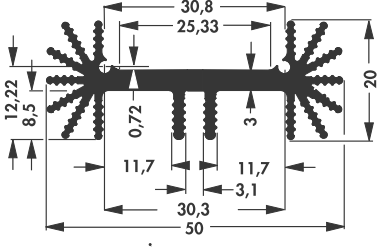
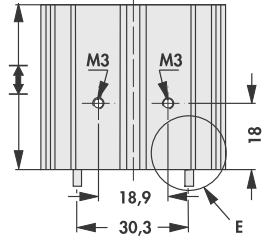
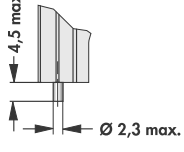
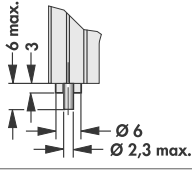
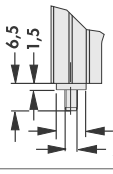
surface: black anodised

Extruded heatsinks for PCB mounting

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method


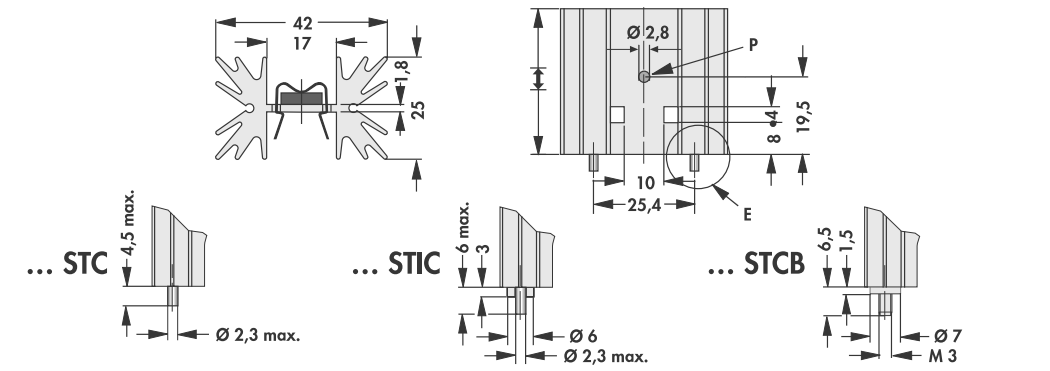
| | | | | |
|---|---|--|---|--|
|  |  | |  | |
| |  |  |  | |
| art. no. | l [mm] | R_{th} [K/W] | ⚡ | |
| SK 459 25 M ... | 25.0 | 7.9 | SIP-Multiwatt | |
| SK 459 37,5 M ... | 37.5 | 6.3 | SIP-Multiwatt | |
| SK 459 50 M ... | 50.0 | 5.6 | SIP-Multiwatt | |
| please indicate: | ... mounting method | | | |
| | STS = with solder pin | | | |
| | STIS = with solder pins and insulating washer | | | |
| | STSB = with threaded bolt M 3, brass | | | |
| surface: | black anodised | | | |

- for semiconductor screw-mounting
- with **combination-hole pattern** for mounting of 2 x TO 220 or 2 x SOT 32
- special lengths and transistor drillings on request
- **E** = mounting method

| | | | | |
|---|---|--|---|--|
|  |  | |  | |
| |  |  |  | |
| art. no. | l [mm] | R_{th} [K/W] | ⚡ | |
| SK 459 25 2 x TO 220 ... | 25.0 | 7.9 | 2xSOT 32/ 2xTO 220 | |
| SK 459 37,5 2 x TO 220... | 37.5 | 6.3 | 2xSOT 32/ 2xTO 220 | |
| SK 459 50 2 x TO 220 ... | 50.0 | 5.6 | 2xSOT 32/ 2xTO 220 | |
| please indicate: | ... mounting method | | | |
| | STS = with solder pin | | | |
| | STIS = with solder pins and insulating washer | | | |
| | STSB = with threaded bolt M 3, brass | | | |
| surface: | black anodised | | | |

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings on request
- **P** = raised retaining stud, **E** = mounting method


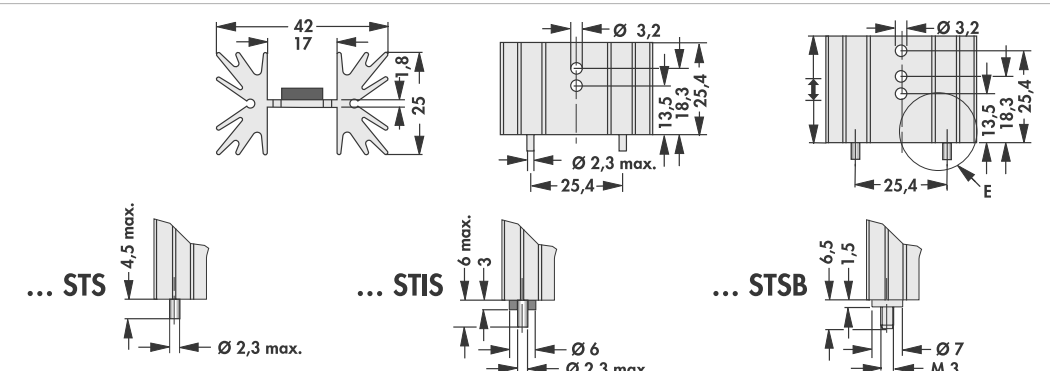



| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|--------|
| SK 129 25,4 ... | 25.4 | 7.8 | TO 220 |
| SK 129 38,1 ... | 38.1 | 6.5 | TO 220 |
| SK 129 50,8 ... | 50.8 | 5.3 | TO 220 |
| SK 129 63,5 ... | 63.5 | 4.5 | TO 220 |

please indicate: ... mounting method
STC = with solder pin
STIC = with solder pin and insulating washer
STCB = with threaded bolt M 3, brass

surface: black anodised

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method


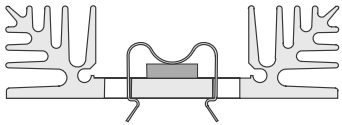
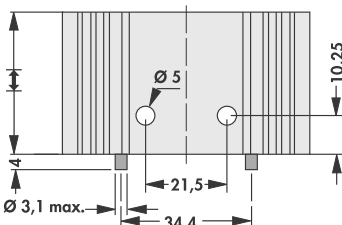
| art. no. | l [mm] | R _{th} [K/W] | ⌀ |
|-----------------|--------|-----------------------|------------------------|
| SK 129 25,4 ... | 25.4 | 7.8 | SOT 32/ TO 220/ TO 3 P |
| SK 129 38,1 ... | 38.1 | 6.5 | SOT 32/ TO 220/ TO 3 P |
| SK 129 50,8 ... | 50.8 | 5.3 | SOT 32/ TO 220/ TO 3 P |
| SK 129 63,5 ... | 63.5 | 4.5 | SOT 32/ TO 220/ TO 3 P |

please indicate: ... mounting method
STS = with solder pin
STIS = with solder pins and insulating washer
STSB = with threaded bolt M 3, brass


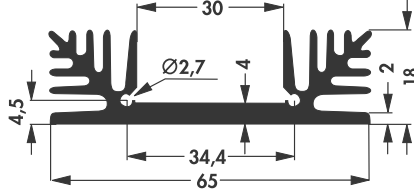
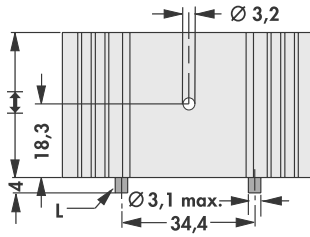
surface: black anodised

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- profile **SK 185** → A 73
- special lengths and drillings on request
- **L** = solderable pins


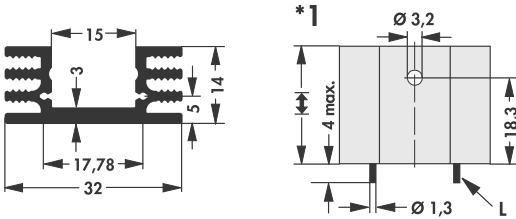
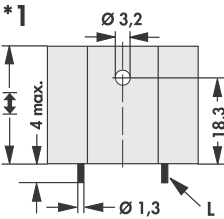
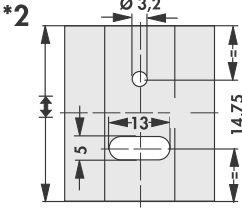

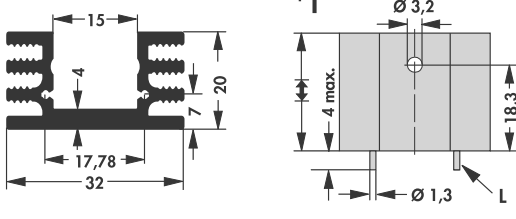
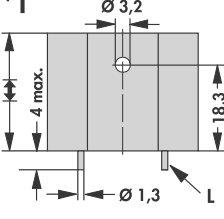
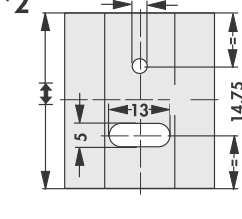
|  |  |  | | |
|---|---|--|--------|---------------------|
| art. no. | ↳ [mm] | R _{th} [K/W] | ⊗ | version |
| SK 185 25 STC TO 220 | 25.0 | 7.9 | TO 220 | with solder pins |
| SK 185 37,5 STC TO 220 | 37.5 | 6.4 | TO 220 | with solder pins |
| SK 185 50 STC TO 220 | 50.0 | 4.9 | TO 220 | with solder pins |
| SK 185 50 C TO 220 | 50.0 | 4.9 | TO 220 | without solder pins |
| surface: | | black anodised | | |

- for semiconductor screw-mounting
- profile **SK 185** → A 73
- special lengths and drillings on request
- **L** = solderable pins

|  |  |  | | |
|--|--|---|--------|---------------------|
| art. no. | ↳ [mm] | R _{th} [K/W] | ⊗ | version |
| SK 185 25 STS TO 220 | 25.0 | 7.9 | TO 220 | with solder pins |
| SK 185 37,5 STS TO 220 | 37.5 | 6.4 | TO 220 | with solder pins |
| SK 185 50 STS TO 220 | 50.0 | 4.9 | TO 220 | with solder pins |
| SK 185 25 TO 220 | 25.0 | 7.9 | TO 220 | without solder pins |
| SK 185 37,5 TO 220 | 37.5 | 6.4 | TO 220 | without solder pins |
| SK 185 50 TO 220 | 50.0 | 4.9 | TO 220 | without solder pins |
| surface: | | black anodised | | |


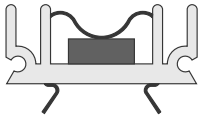
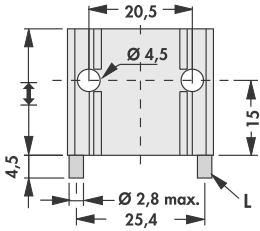
Extruded heatsinks for PCB mounting

- for semiconductor screw-mounting
- hole pattern is centered to the total length of the heatsink
- special lengths and drillings on request
- ***1** = versions with solder pins; ***2** = versions without solder pins
- **L** = solderable pins


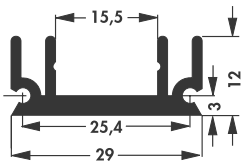
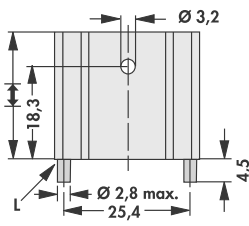
| | | | | |
|---|--|--|---|---------------------|
|  |  |  |  | |
| art. no. | l [mm] | R_{th} [K/W] | ϕ | version |
| SK 75 25 STS TO 220 | 25.0 | 12.5 | TO 220/*1 | with solder pins |
| SK 75 37,5 STS TO 220 | 37.5 | 10.0 | TO 220/*1 | with solder pins |
| SK 75 50 STS TO 220 | 50.0 | 8.5 | TO 220/*1 | with solder pins |
| SK 75 25 | 25.0 | 12.5 | — | without solder pins |
| SK 75 25 TO 220 | 25.0 | 12.5 | TO 220/*2 | without solder pins |
| SK 75 37,5 | 37.5 | 10.0 | — | without solder pins |
| SK 75 37,5 TO 220 | 37.5 | 10.0 | TO 220/*2 | without solder pins |
| SK 75 50 | 50.0 | 8.5 | — | without solder pins |
| SK 75 50 TO 220 | 50.0 | 8.5 | TO 220/*2 | without solder pins |
| SK 75 75 | 75.0 | 7.0 | — | without solder pins |
| SK 75 1000 | 1000.0 | — | — | without solder pins |
|  |  |  |  | |
| art. no. | l [mm] | R_{th} [K/W] | ϕ | version |
| SK 76 25 STS TO 220 | 25.0 | 10.0 | TO 220/*1 | with solder pins |
| SK 76 37,5 STS TO 220 | 37.5 | 8.0 | TO 220/*1 | with solder pins |
| SK 76 50 STS TO 220 | 50.0 | 7.0 | TO 220/*1 | with solder pins |
| SK 76 25 | 25.0 | 10.0 | — | without solder pins |
| SK 76 25 TO 220 | 25.0 | 10.0 | TO 220/*2 | without solder pins |
| SK 76 37,5 | 37.5 | 8.0 | — | without solder pins |
| SK 76 37,5 TO 220 | 37.5 | 8.0 | TO 220/*2 | without solder pins |
| SK 76 50 | 50.0 | 7.0 | — | without solder pins |
| SK 76 50 TO 220 | 50.0 | 7.0 | TO 220/*2 | without solder pins |
| SK 76 75 | 75.0 | 5.9 | — | without solder pins |
| SK 76 1000 | 1000.0 | — | — | without solder pins |
| surface: | black anodised | | | |

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- profile **SK 145** → A 73
- special lengths and drillings on request
- **L** = solderable pins

|  |  |  | | |
|---|---|---|-----------------------------------|------------------|
| art. no. | H [mm] | R _{th} [K/W] | ⌀ | version |
| SK 145 25 STC | 25 | 13.5 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| SK 145 30 STC | 30 | 12.4 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| SK 145 50 STC | 50 | 10.0 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| surface: | black anodised | | | |

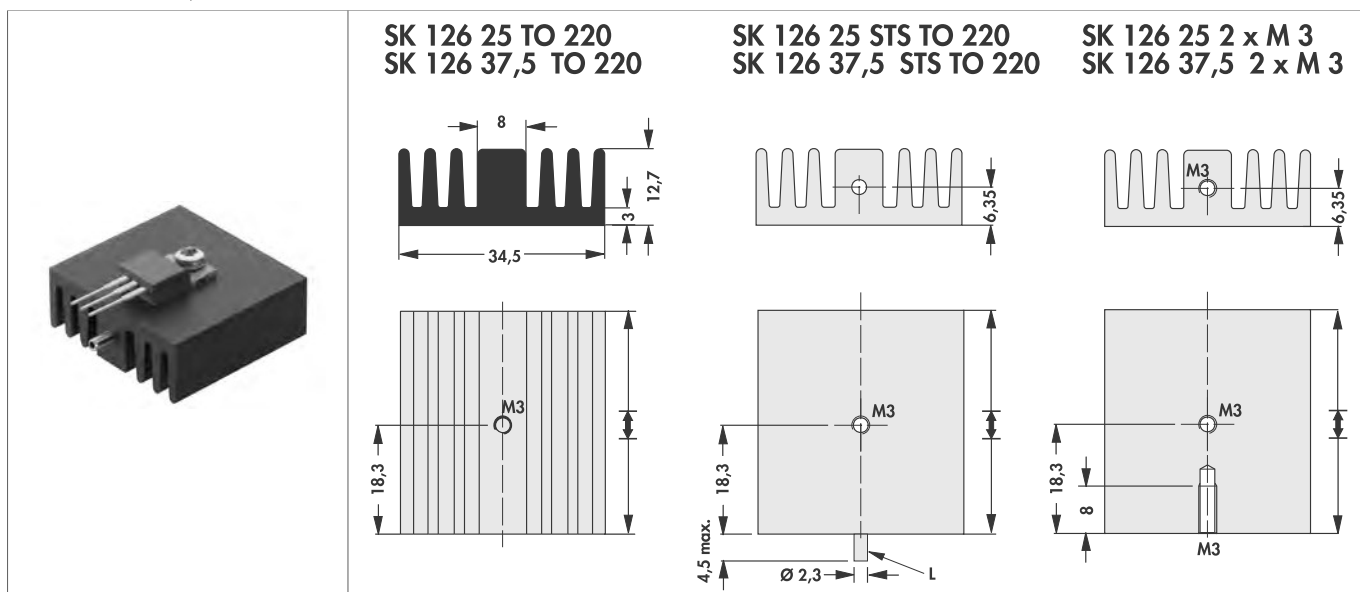
- for semiconductor screw-mounting
- profile **SK 145** → A 73
- special lengths and drillings on request
- **L** = solderable pins

|  |  |  | | |
|---|---|---|-----------------------------------|------------------|
| art. no. | H [mm] | R _{th} [K/W] | ⌀ | version |
| SK 145 25 STS TO 220 | 25.0 | 13.5 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| SK 145 37,5 STS TO 220 | 37.5 | 12.0 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| SK 145 50 STS TO 220 | 50.0 | 10.0 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pins |
| surface: | black anodised | | | |

Extruded heatsinks for PCB mounting


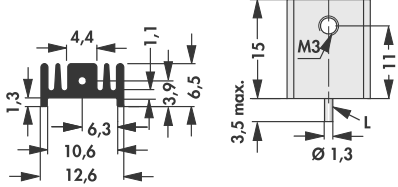
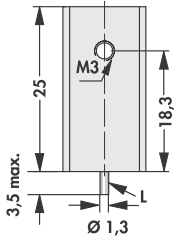
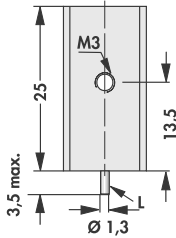

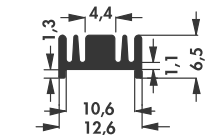
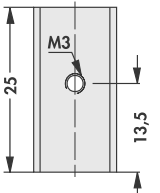
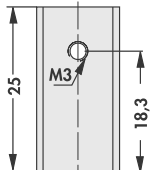
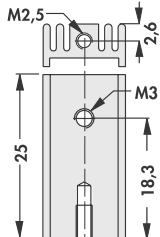
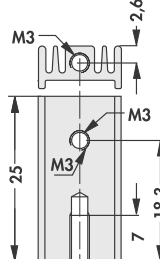
- special lengths and drillings on request
- **L** = solderable pins

| art. no. | [mm] | R _{th} [K/W] | ⌀ | version |
|-------------------------------|--------|-----------------------|-----------------------------------|-------------------------------|
| | | | | |
| SK 126 25 STS TO 220 | 25.0 | 8.0 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pin and thread M3 |
| SK 126 37,5 STS TO 220 | 37.5 | 6.5 | TO 218/ TO 220/ TO 247/ TO 248 | with solder pin and thread M3 |
| SK 126 25 TO 220 | 25.0 | 8.0 | TO 218/ TO 220/ TO 247/ TO 248 | ohne Lötstift, mit M3-Gewinde |
| SK 126 25 2 x M3 | 25.0 | 8.0 | TO 218/ TO 220/ TO 247/ TO 248 | ohne Lötstift, mit M3-Gewinde |
| SK 126 37,5 TO 220 | 37.5 | 6.5 | TO 218/ TO 220/ TO 247/ TO 248 | ohne Lötstift, mit M3-Gewinde |
| SK 126 37,5 2 x M3 | 37.5 | 6.5 | TO 218/ TO 220/ TO 247/ TO 248 | ohne Lötstift, mit M3-Gewinde |
| SK 126 25 | 25.0 | 8.0 | — | — |
| SK 126 37,5 | 37.5 | 6.5 | — | — |
| SK 126 1000 | 1000.0 | — | — | — |
| surface: | | black anodised | | |




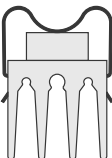
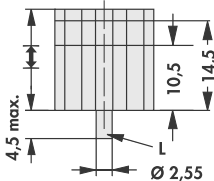

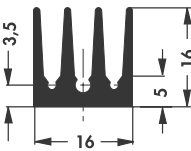
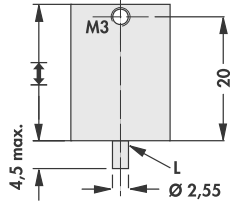
Extruded heatsinks for PCB mounting

- special lengths and drillings on request
- **L** = solderable pins


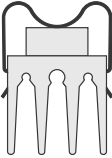
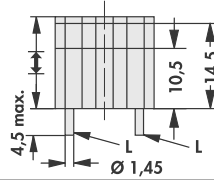

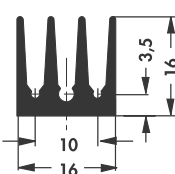
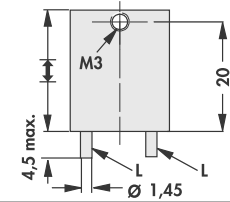
| | | | | | | |
|--|---|--|---|--|--|---------------------------------|
|  |  |  |  | SK 95 15 STS SOT 32 S | SK 95 25 STS TO 220 | SK 95 25 STS SOT 32 |
| art. no. | L [mm] | R_{th} [K/W] | ϕ | | | |
| SK 95 15 STS SOT 32 S | 15 | 38.5 | | SOT 32 | | |
| SK 95 25 STS SOT 32 | 25 | 36.0 | | SOT 32 | | |
| SK 95 25 STS TO 220 | 25 | 36.0 | | TO 220 | | |
|  |  |  |  |  |  | SK 95 25 1 x M2,5 1 x M3 |
| art. no. | L [mm] | R_{th} [K/W] | ϕ | | | |
| SK 95 15 SOT 32 S | 15 | 38.5 | | SOT 32 | | |
| SK 95 25 SOT 32 | 25 | 36.0 | | SOT 32 | | |
| SK 95 25 TO 220 | 25 | 36.0 | | TO 220 | | |
| SK 95 25 1x M2,5 1x M3 | 25 | 36.0 | | 1xM2.5/ 1xM3 (TO 220) | | |
| SK 95 25 2 x M3 | 25 | 36.0 | | 2xM3 (TO 220) | | |
| SK 95 15 | 15 | 38.5 | | — | | |
| SK 95 25 | 25 | 36.0 | | — | | |
| SK 95 1000 | 1000 | — | | — | | |
| surface: | black anodised | | | | | |
| type of thread: | not anodised | | | | | |

Extruded heatsinks for PCB mounting

- single solder pin
- profile **SK 437** → A 24
- special lengths and drillings on request
- **L** = solderable pin




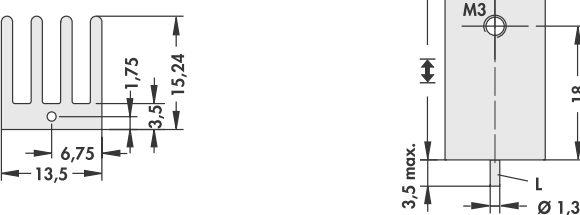
|  |  |  | |
|---|---|---|--------------------------------|
| art. no. | ↔ [mm] | R _{th} [K/W] | ⚡ |
| SK 437 25 STC | 25 | 24 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 30 STC | 30 | 22 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 35 STC | 35 | 18 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 50 STC | 50 | 14 | TO 218/ TO 220/ TO 247/ TO 248 |
|  |  |  | |
| art. no. | ↔ [mm] | R _{th} [K/W] | ⚡ |
| SK 437 25 STS | 25 | 24 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 30 STS | 30 | 22 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 35 STS | 35 | 18 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 50 STS | 50 | 14 | TO 218/ TO 220/ TO 247/ TO 248 |
| surface: | black anodised | | |

- double solder pin
- profile **SK 437** → A 24
- special lengths and drillings on request
- **L** = solderable pin


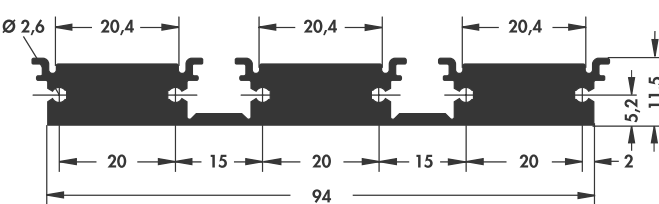
|  |  |  | |
|---|---|---|--------------------------------|
| art. no. | ↔ [mm] | R _{th} [K/W] | ⚡ |
| SK 437 25 STC 2 | 25 | 24 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 30 STC 2 | 30 | 22 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 35 STC 2 | 35 | 18 | TO 218/ TO 220/ TO 247/ TO 248 |
|  |  |  | |
| art. no. | ↔ [mm] | R _{th} [K/W] | ⚡ |
| SK 437 25 STS 2 | 25 | 24 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 30 STS 2 | 30 | 22 | TO 218/ TO 220/ TO 247/ TO 248 |
| SK 437 35 STS 2 | 35 | 18 | TO 218/ TO 220/ TO 247/ TO 248 |
| surface: | black anodised | | |

Extruded heatsinks for PCB mounting

- special versions on customer's request
- **L** = solderable pin


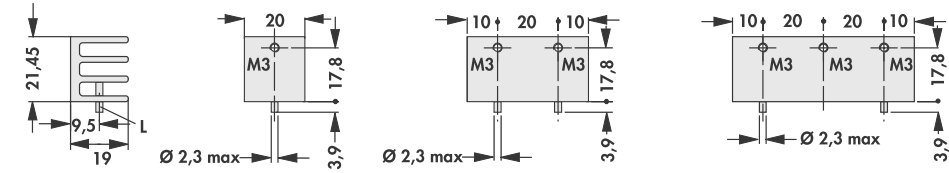

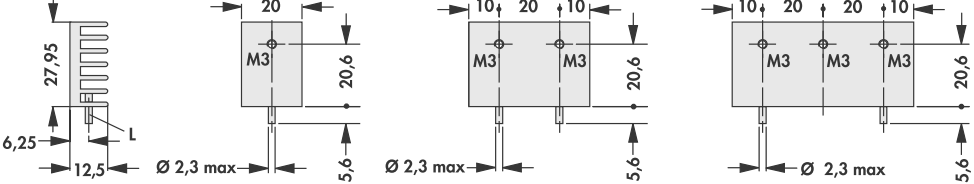

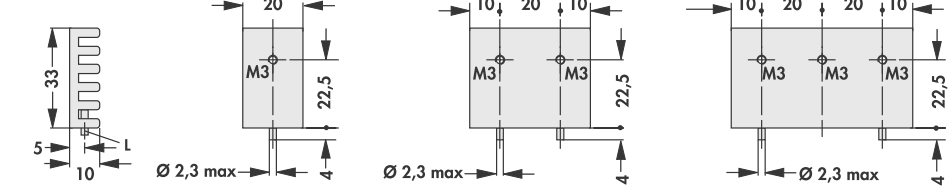

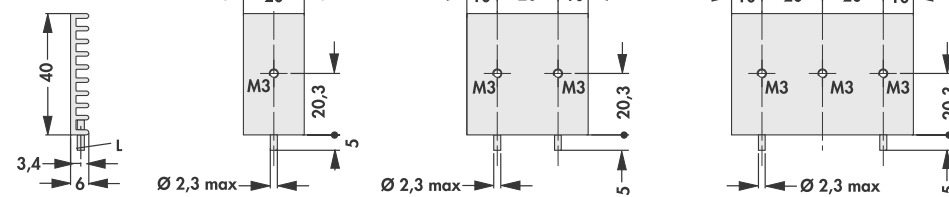
|  |  | | |
|--|--|-----------------------|----------------|
| art. no. | l [mm] | R _{th} [K/W] | ⊕ |
| SK 470 25 STS | 25 | 29.0 | SOT 32/ TO 220 |
| SK 470 30 STS | 30 | 27.2 | SOT 32/ TO 220 |
| SK 470 35 STS | 35 | 25.6 | SOT 32/ TO 220 |
| SK 470 50 STS | 50 | 23.2 | SOT 32/ TO 220 |
|  |  | | |
| art. no. | l [mm] | R _{th} [K/W] | ⊕ |
| SK 469 25 STS | 25 | 15.3 | SOT 32/ TO 220 |
| SK 469 30 STS | 30 | 14.3 | SOT 32/ TO 220 |
| SK 469 35 STS | 35 | 13.0 | SOT 32/ TO 220 |
| SK 469 50 STS | 50 | 10.6 | SOT 32/ TO 220 |
| surface: | black anodised | | |

- as mounting- and connecting piece
- for clamp mounting of the transistors
- triple unit can be separated
- solder pin mounting possible
- special versions on customer's request

|  |  | | |
|--|--|-----------------------|--|
| art. no. | l [mm] | R _{th} [K/W] | ⊕ |
| SK 484 25 | 25.0 | 6.0 | TO 218/ TO 220/ TO 247/ TO 264/ TO 3 P |
| SK 484 37,5 | 37.5 | 4.5 | TO 218/ TO 220/ TO 247/ TO 264/ TO 3 P |
| SK 484 50 | 50.0 | 3.7 | TO 218/ TO 220/ TO 247/ TO 264/ TO 3 P |
| SK 484 75 | 75.0 | 2.8 | TO 218/ TO 220/ TO 247/ TO 264/ TO 3 P |


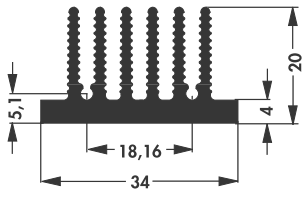
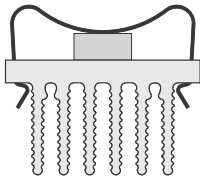
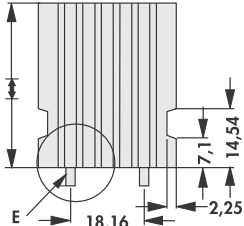
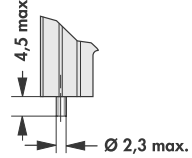
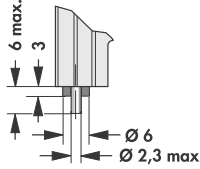
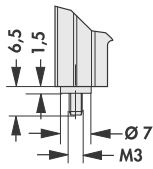
Extruded heatsinks for PCB mounting

- compact PCB heatsinks
- especially suitable for vertical PCB mounting in housings, racks etc.
- easy solder fixing
- special versions on customer's request
- **L** = solderable pin


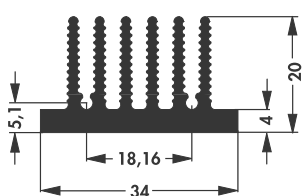
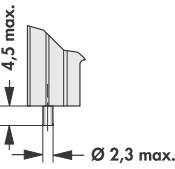
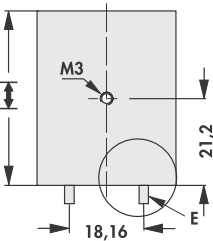
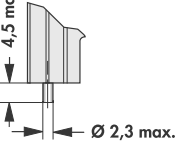
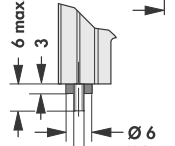
|  | <p>SK 454 20 1 x M3 L SK 454 40 2 x M3 L SK 454 60 3 x M3 L</p>  | | | | | | | | | | | | |
|---|---|--|----------------|----------|----|------|--|----|------|--|----|-----|--|
| art. no. | <table border="1"> <thead> <tr> <th>Width [mm]</th> <th>R_{th} [K/W]</th> <th>Mounting</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>10.1</td> <td>SOT 32/ TO 220</td> </tr> <tr> <td>40</td> <td>8.8</td> <td>SOT 32/ TO 220</td> </tr> <tr> <td>60</td> <td>7.5</td> <td>SOT 32/ TO 220</td> </tr> </tbody> </table> | Width [mm] | R_{th} [K/W] | Mounting | 20 | 10.1 | SOT 32/ TO 220 | 40 | 8.8 | SOT 32/ TO 220 | 60 | 7.5 | SOT 32/ TO 220 |
| Width [mm] | R_{th} [K/W] | Mounting | | | | | | | | | | | |
| 20 | 10.1 | SOT 32/ TO 220 | | | | | | | | | | | |
| 40 | 8.8 | SOT 32/ TO 220 | | | | | | | | | | | |
| 60 | 7.5 | SOT 32/ TO 220 | | | | | | | | | | | |
|  | <p>SK 448 20 1 x M3 L SK 448 40 2 x M3 L SK 448 60 3 x M3 L</p>  | | | | | | | | | | | | |
| art. no. | <table border="1"> <thead> <tr> <th>Width [mm]</th> <th>R_{th} [K/W]</th> <th>Mounting</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>11.8</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>40</td> <td>9.8</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>60</td> <td>7.1</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> </tbody> </table> | Width [mm] | R_{th} [K/W] | Mounting | 20 | 11.8 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 40 | 9.8 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 60 | 7.1 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| Width [mm] | R_{th} [K/W] | Mounting | | | | | | | | | | | |
| 20 | 11.8 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 40 | 9.8 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 60 | 7.1 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
|  | <p>SK 400 20 1 x M3 L SK 400 40 2 x M3 L SK 400 60 3 x M3 L</p>  | | | | | | | | | | | | |
| art. no. | <table border="1"> <thead> <tr> <th>Width [mm]</th> <th>R_{th} [K/W]</th> <th>Mounting</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>11.6</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>40</td> <td>8.2</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>60</td> <td>7.2</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> </tbody> </table> | Width [mm] | R_{th} [K/W] | Mounting | 20 | 11.6 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 40 | 8.2 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 60 | 7.2 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| Width [mm] | R_{th} [K/W] | Mounting | | | | | | | | | | | |
| 20 | 11.6 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 40 | 8.2 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 60 | 7.2 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
|  | <p>SK 456 20 1 x M3 L SK 456 40 2 x M3 L SK 456 60 3 x M3 L</p>  | | | | | | | | | | | | |
| art. no. | <table border="1"> <thead> <tr> <th>Width [mm]</th> <th>R_{th} [K/W]</th> <th>Mounting</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>13.0</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>40</td> <td>10.5</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> <tr> <td>60</td> <td>8.5</td> <td>TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P</td> </tr> </tbody> </table> | Width [mm] | R_{th} [K/W] | Mounting | 20 | 13.0 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 40 | 10.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | 60 | 8.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P |
| Width [mm] | R_{th} [K/W] | Mounting | | | | | | | | | | | |
| 20 | 13.0 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 40 | 10.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |
| 60 | 8.5 | TO 218/ TO 220/ TO 247/ TO 248/ TO 3 P | | | | | | | | | | | |

Extruded heatsinks for PCB mounting

- for semiconductor clip-mounting
- special lengths and transistor drillings on request
- **E** = mounting method

| | | | |
|--|--|--|---|
|  |  |  |  |
| |  <p>... STC</p> |  <p>... STIC</p> |  <p>... STCB</p> |
| art. no. | l [mm] | R _{th} [K/W] | ⚡ |
| SK 460 25 ... | 25.0 | 9.0 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| SK 460 37,5 ... | 37.5 | 7.9 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| SK 460 50 ... | 50.0 | 7.0 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| please indicate: | | | |
| | ... mounting method | | |
| | STC = with solder pin | | |
| | STIC = with solder pin and insulating washer | | |
| | STCB = with threaded bolt M 3, brass | | |
| surface: | black anodised | | |

- for semiconductor screw-mounting
- special lengths and transistor drillings on request
- **E** = mounting method

| | | | |
|--|--|---|---|
|  |  |  |  |
| |  <p>STS</p> |  <p>STIS</p> | |
| art. no. | l [mm] | R _{th} [K/W] | ⚡ |
| SK 460 25 STS | 25.0 | 9.0 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| SK 460 37,5 STS | 37.5 | 7.9 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| SK 460 50 STIS | 50.0 | 7.0 | SIP-Multiwatt/ TO 218/ TO 220/ TO 247/ TO 248 |
| surface: | black anodised | | |