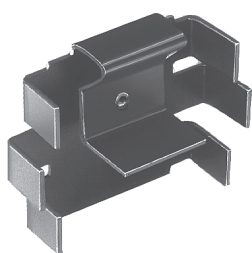


Aufsteckkühlkörper

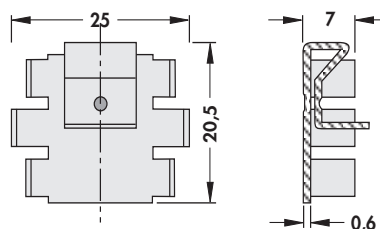
Clip-on heatsinks

Dissipateurs attachés

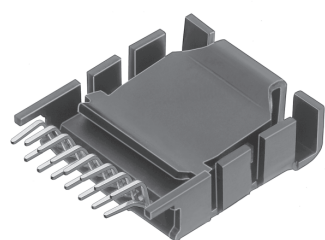


FK 220 SA 220

25 K/W

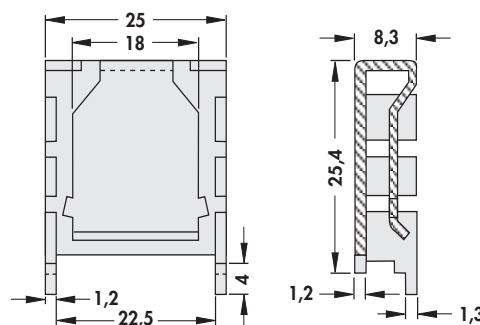


TO 220



FK 224...

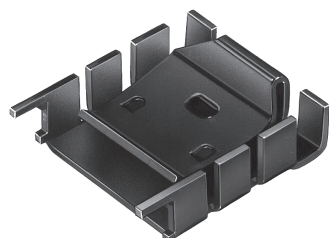
18 K/W



FK 224 SA P SIP

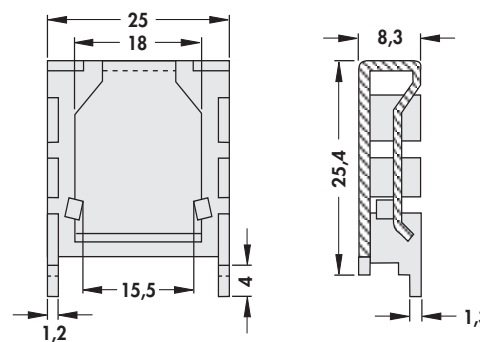
FK 224 MI P SIP

P SIP



FK 224...

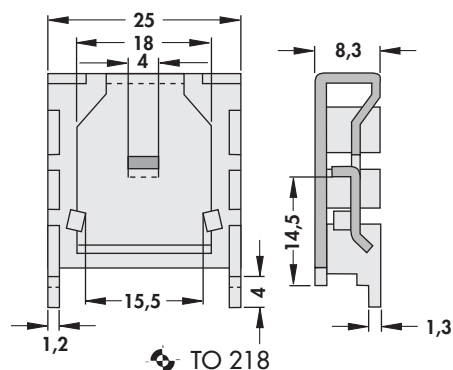
18 K/W



FK 224 SA 218 1

FK 224 MI 218 1

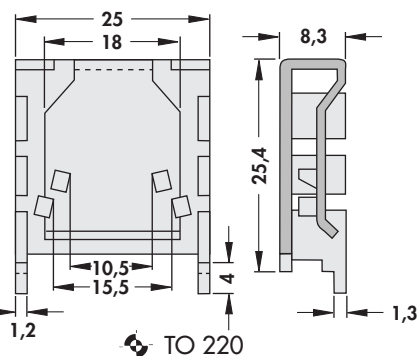
TO 218



FK 224 SA 218 2

FK 224 MI 218 2

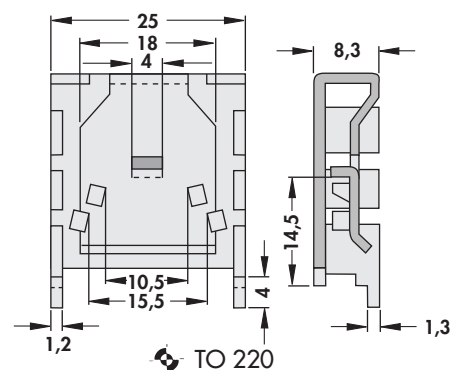
... bitte gewünschte Oberfläche angeben:
SA = schwarz eloxiert
MI = lötfähige Oberfläche



FK 224 SA 220 1

FK 224 MI 220 1

... please indicate requested surface:
SA = black anodised
MI = solderable surface



FK 224 SA 220 2

FK 224 MI 220 2

... prière d'indiquer la finition:
SA = anodisé noir
MI = surface soudable

Aufsteckkühlkörper für TO 218

Attachable heatsink for TO 218

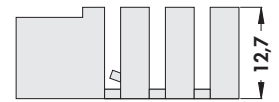
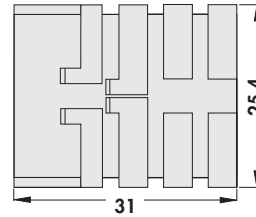
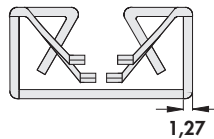
Dissipateur enfichable pour TO 218

FK 241 SA 218 O

ohne Lötflanke

without solder lug

sans picot à souder

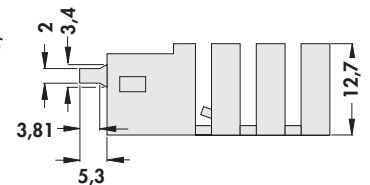
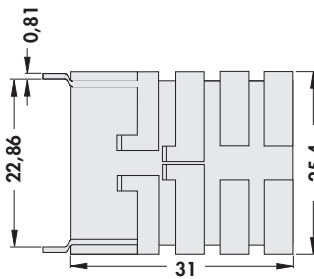
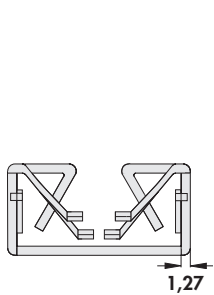
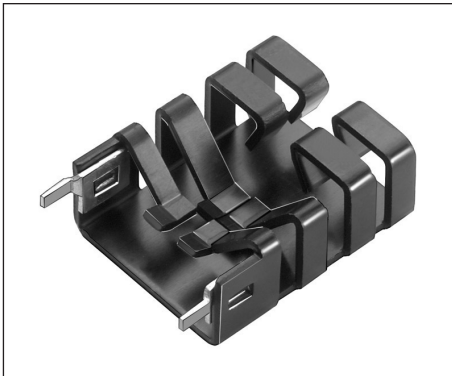


FK 241 SA 218 V

mit verzinneter Lötflanke zum direkten Einlöten
auf der Leiterkarte für vertikale Einbaulage

with tinned solder lug for direct soldering
into the circuit board for vertical installation

à picots étamés, pour soudure directe sur
la carte imprimée, pour montage vertical



– 13 K/W

– für TO 218 (JEDEC), Multiwatt und ähnliche TransistorbaufORMen sowie SIP Gehäuse

– einfache Montage durch Aufstecken des Kühlkörpers auf den Transistor

– optimaler Wärmeübergang durch integrierte Klammerfedern

– wirksame Wärmeabstrahlung bei horizontaler und vertikaler Einbaulage

– 13 K/W

– for TO 218 (JEDEC), Multiwatt or similar transistor types and SIP packages

– easy assembly by attaching the heatsink to the transistor

– optimal heat transfer due to integrated clamping springs

– effective heat emission with horizontal and vertical installation

– 13 K/W

– pour TO 218 (JEDEC), boîtiers de transistor Multiwatt où similaires ainsi que boîtiers SIP

– montage facile par enfilage du dissipateur sur le boîtier

– transfert optimal de chaleur en raison de ressorts intégrés de fixation

– dissipation thermique efficace en montage horizontal ou vertical

Material: Aluminium
Oberfläche: schwarz eloxiert

Material: Aluminium
Surface: black anodised

Matériau: Aluminium
Finition: anodisée noire

Aufsteckkühlkörper

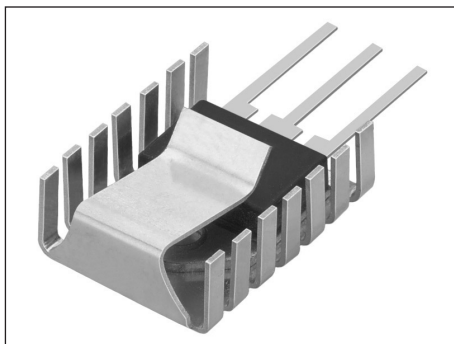
Clip-on heatsinks

Dissipateurs enfichables

- universeller Aufsteckkühlkörper für die Bauformen TO 218, TO 220, TO 247, TO 248, SIP-Multiwatt und ähnliche
- einfache Montage durch aufschieben des Kühlkörpers auf das Bauteil
- für vertikale und horizontale Einlötbefestigung
- Variationen der Rippenhöhe auf Anfrage
- Sonderausführungen nach kundenspezifischen Vorgaben

- universal clip-on heatsinks for type TO 218, TO 229, TO 247, TO 248, SIP-Multiwatt and similar housings
- easy assembly by pushing the heatsink onto the component
- for vertical and horizontal fastening by soldering
- fin height variations on request
- versions specifically designed to meet customers requirements on request

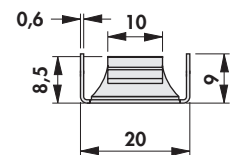
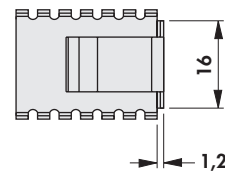
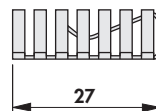
- dissipateur enfichable universel pour boîtiers de transistor TO 218, TO 220, TO 247, TO 248, SIP-Multiwatt et similaires
- montage facile par enfilage du dissipateur sur le boîtier
- pour fixation verticale et horizontale par soudure
- variations de l'hauteur des ailettes sur demande
- versions spéciales suivant spécifications du client


FK 245 MI 247 O

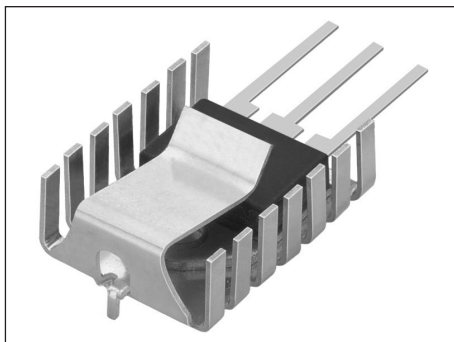
20,2 K/W

ohne Lötflanke

without solder lug



sans paillette picot

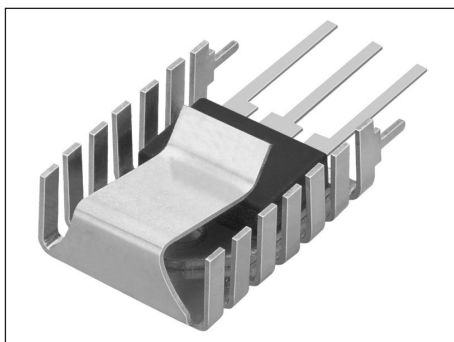
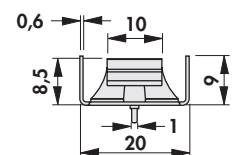
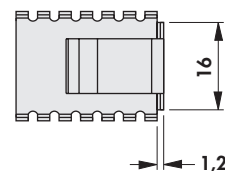
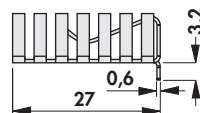

FK 245 MI 247 H

20,5 K/W

mit Lötflanke für horizontalen Einbau

with solder lug for horizontal installation

avec paillette picot pour montage horizontal

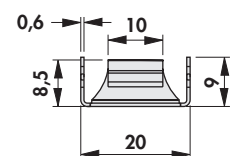
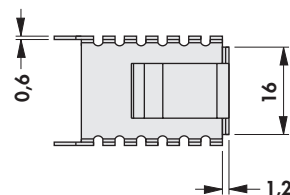
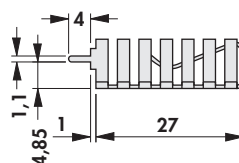

FK 245 MI 247 V

19,7 K/W

mit Lötflanke für vertikalen Einbau

with solder lug for vertical installation

avec paillette picot pour montage vertical



Material: Kupfer (Cu), 0,6 mm dick
Oberfläche: lötfähig

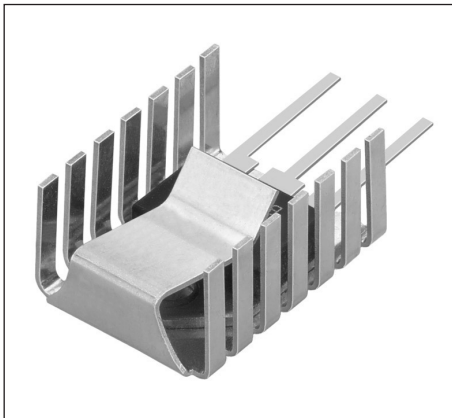
Material: copper (Cu), 0,6 mm thick
Surface: solderable

Matériau: Cuivre (Cu), épaisseur 0,6 mm
Revêtement: Soudable

Aufsteckkühlkörper

Clip-on heatsinks

Dissipateurs enfichables



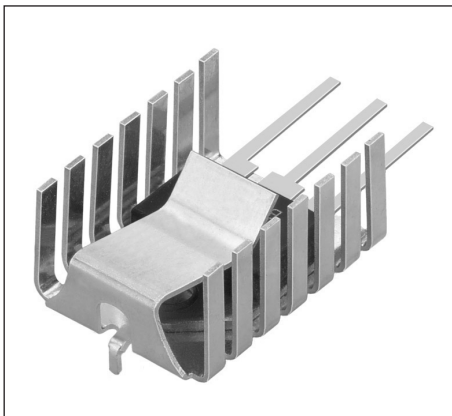
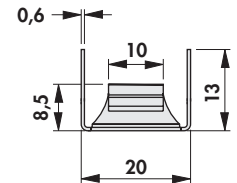
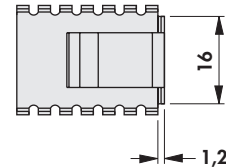
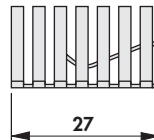
FK 243 MI 247 O

18,7 K/W

ohne Lötflanke

without solder lug

sans paillette picot



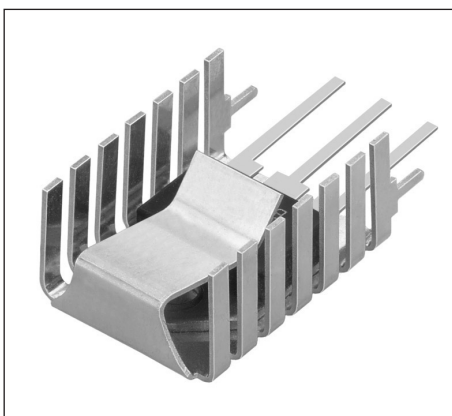
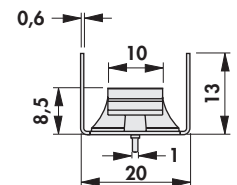
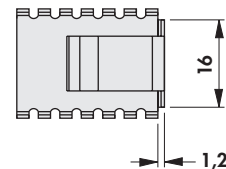
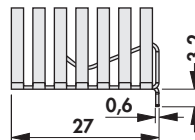
FK 243 MI 247 H

19 K/W

mit Lötflanke für horizontalen Einbau

with solder lug for horizontal installation

avec paillette picot pour montage horizontal



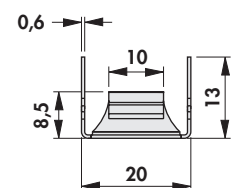
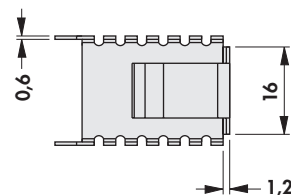
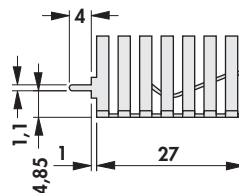
FK 243 MI 247 V

18,4 K/W

mit Lötflanke für vertikalen Einbau

with solder lug for vertical installation

avec paillette picot pour montage vertical



Material: Kupfer (Cu), 0,6 mm dick
Oberfläche: lötfähig

Material: copper (Cu), 0,6 mm thick
Surface: solderable

Matériau: Cuivre (Cu), épaisseur 0,6 mm
Revêtement: Soudable

Kühlkörper für Transistoren
im Plastikgehäuse
Strangkühlkörper mit Lötstiften
U-Kühlkörper

Heatsinks for transistors
in plastic case
Extruded heatsinks with solder Pins
U-shaped heatsinks

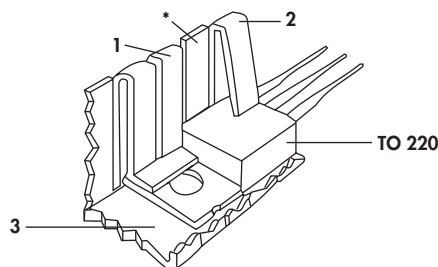
Dissipateurs pour transistors
en boîtier plastique
Dissipateurs extrudés avec broches à souder
Dissipateurs en U

→ C 5 – 10
→ A 97 – 114
→ A 122 – 124

Aufsteckkühlkörper für TO 220

Attachable heatsinks for TO 220

Dissipateurs enfichables pour TO 220



* Anschlagkante für Transistor

- schmale Ausführung mit besserem Wärmewiderstand
- nur max. 14,5 mm breit
- 3 verschiedene Längen für unterschiedliche Verlustleistung
- beansprucht weniger Platz als jeder andere Aufsteckkühlkörper
- einfache Montage durch Aufschieben des Kühlkörpers auf das TO 220 Gehäuse
- die Kühlfinger bilden Klemmfedern (1 + 2), die das TO 220 Gehäuse und seinen Befestigungsflansch an den Kühlkörper (3) andrücken
- optimaler Wärmeübergang durch gleichmäßigen Andruck an die gesamte Anlagefläche des TO 220 Gehäuses
- wirksame Wärmeabstrahlung bei horizontaler und vertikaler Einbaulage

* Touch-in edge of transistor

- narrow version with better thermal resistance
- max. 14,5 mm wide
- 3 different lengths for varied dissipation power
- takes up less space than any other attachable heatsink
- simple assembly by means of pushing the heatsink onto the TO 220 housing
- the cooling fingers form spring clamps (1 + 2), which press the TO 220 housing and its mounting flange onto the heatsink (3)
- optimal heat transfer due to uniform pressure on the entire supporting surface of the TO 220 housing
- effective heat emission with horizontal and vertical installation

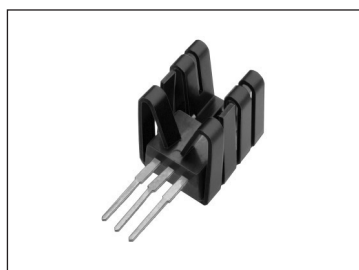
* Côté d'arrêt pour boîtier

- version étroite avec meilleure résistance thermique
- max. 14,5 mm de large
- 3 longueurs différentes pour dissipation variée de puissance
- encombrement inférieur à celui de n'im porte quel autre dissipateur enfichable
- montage facile par enfilage du dissipateur sur le boîtier TO 220
- les doigts de refroidissement constituent des ressorts de blocage (1 + 2) qui pressent le boîtier TO 220 et sa bride de fixation contre le dissipateur (3)
- transfert de chaleur optimal par pression uniforme sur toute la surface d'appui du boîtier TO 220
- dissipation thermique efficace en montage horizontal ou vertical

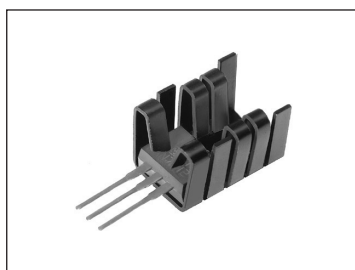
Material: Aluminium
Oberfläche: schwarz eloxiert

Material: Aluminium
Surface: black anodised

Matière: Aluminium
Finition: anodisée noire



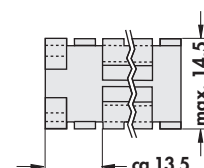
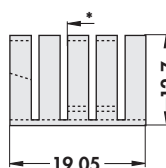
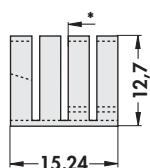
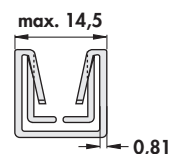
FK 242 SA 220 O
26 K/W



FK 237 SA 220 O
21 K/W



FK 240 SA 220 O
16 K/W



ohne Lötfahne

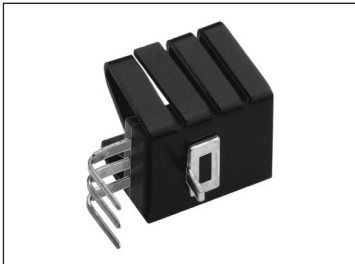
without solder lug

sans paillette picot

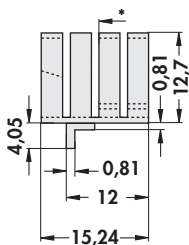
Aufsteckkühlkörper
für TO 220

Attachable heatsinks
for TO 220

Dissipateurs enfichables
pour TO 220



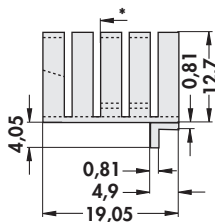
FK 242 SA 220 H
26 K/W



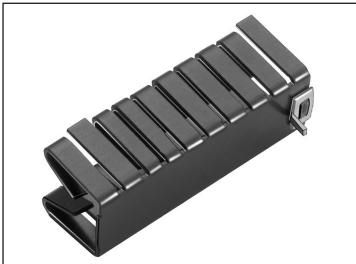
mit verzinnter Lötflanke zum direkten Einlöten
auf der Leiterkarte für horizontale Einbaulage



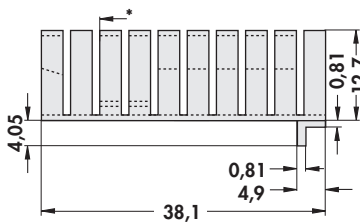
FK 237 SA 220 H
21 K/W



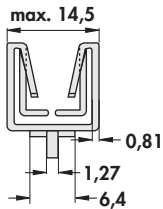
with tinned solder lug for direct soldering into
the circuit board for horizontal installation



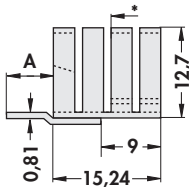
FK 240 SA 220 H
16 K/W



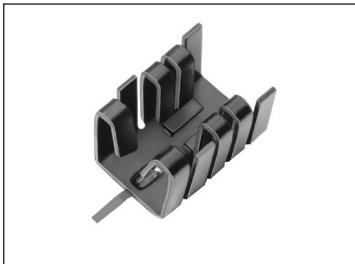
à picots étamés, pour soudure directe sur la
carte imprimée, pour montage horizontal



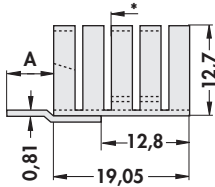
FK 242 SA 220...
26 K/W



mit verzinnter Lötflanke zum direkten Einlöten
auf der Leiterkarte für vertikale Einbaulage



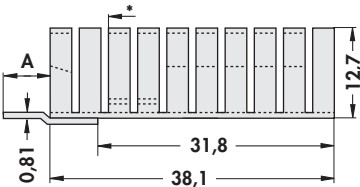
FK 237 SA 220...
21 K/W



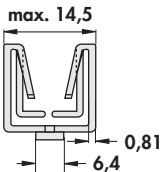
with tinned solder lug for direct soldering
into the circuit board for vertical installation



FK 240 SA 220...
16 K/W



à picots étamés, pour soudure directe sur la
carte imprimée, pour montage vertical



Art. Nr. Art. No. Art. n°	A [mm]
FK 242 SA 220 V	6,35
FK 237 SA 220 V	
FK 240 SA 220 V	

Art. Nr. Art. No. Art. n°	A [mm]
FK 242 SA 220 VL	9,53
FK 237 SA 220 VL	
FK 240 SA 220 VL	