



A range of high quality heatsinks from Calinar offering excellent thermal performance but at lower cost. Finish is black anodised throughout unless otherwise stated.

The most popular industry styles are listed, to suit a variety of package types, with many other designs and sizes available to special order.

- ◆ High quality
- ◆ Excellent thermal performance
- ◆ Most popular styles listed
- ◆ Other designs & sizes available
- ◆ Very competitively priced

N.B. A convenient selection guide covering the entire range of heatsinks promoted in this Product Guide, including those from Aavid Thermalloy, is shown on pages 412 and 413.



For the very latest information and news on the full range of Calinar products available from Anglia, visit our website :

www.anglia.com/calinar

Alternatively, contact our Sales Desk to discuss your specific requirements.

HEATSINK COMPOUNDS & ADHESIVE

see page 424

MOUNTING HARDWARE

including thermal interface materials
see pages 425-430

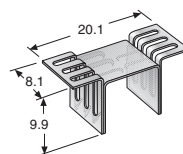
NEW

DPAK package



SMD

SMH008D



A compact surface mount copper heatsink, with solderable finish, designed for use with a single DPAK package. Available loose or taped and reeled.

| Th. Res. | Type |
|----------|----------------|
| 25.0°C/W | Loose |
| 25.0°C/W | Taped & reeled |

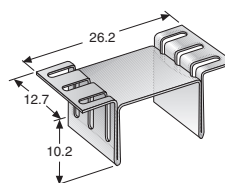
Manf. Part No.
& **anglia**
Order Code
SMH008D
SMH008DTR

D²PAK package



SMD

SMH013D

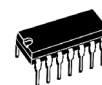


A compact surface mount copper heatsink, with solderable finish, designed for use with a single D²PAK package. Available loose or taped and reeled.

| Th. Res. | Type |
|----------|----------------|
| 18.0°C/W | Loose |
| 18.0°C/W | Taped & reeled |

Manf. Part No.
& **anglia**
Order Code
SMH013D
SMH013DTR

IC package

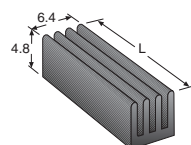


DM series



Extruded heatsinks, available in four styles, designed to fit a variety of integrated circuit packages. Attached by thermally conductive adhesive such as Output 315 shown on page 424, or thermal pads shown on pages 426-430.

Style 1 (DMJ)

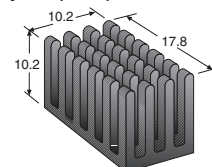


| Th. Res. | Length (L) |
|----------|------------|
| 81°C/W | 12.7mm |
| 68°C/W | 19.1mm |
| 58°C/W | 25.4mm |

Manf. Part No.
& **anglia**
Order Code

DMJ013D
DMJ019D
DMJ025D

Style 2 (DMC)

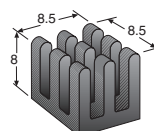


| Th. Res. |
|----------|
| 31°C/W |

Manf. Part No.
& **anglia**
Order Code

DMC018D

Style 3 (DMK)

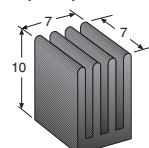


| Th. Res. |
|----------|
| 93°C/W |

Manf. Part No.
& **anglia**
Order Code

DMK008D

Style 4 (DMT)



| Th. Res. |
|----------|
| 83°C/W |

Manf. Part No.
& **anglia**
Order Code

DMT007D

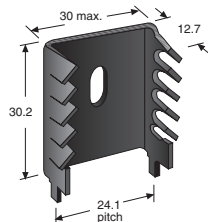
NEW

SOT32/TO126 package



SVB030WT

Calinar



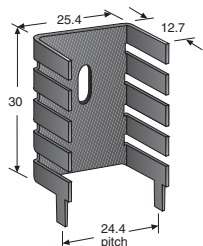
Twisted vane heatsink with integral fixing tags and a slotted hole designed to accommodate a single SOT32/TO126 package.

Th. Res.
17.0°C/W

Manf. Part No. & anglia Order Code
SVB030WT

SVP030NT/WT

Calinar

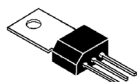


Heatsinks with a slotted hole to accommodate a single SOT32/TO126 package. Available with fixing tags for vertical mounting, or without tags.

Th. Res.
12.5°C/W With tags (illus.)
13.0°C/W Without tags

Manf. Part No. & anglia Order Code
SVP030WT
SVP030NT

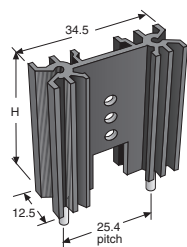
TO202 package



Suitable for use with TO202-1

EAB series

Calinar



Compact, vertical mounting extruded heatsinks with solderable fixing pins. Designed to accommodate a single TO202 package. Choice of thermal resistance.

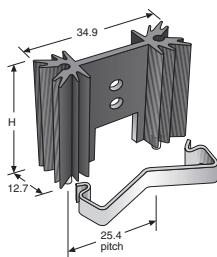
N.B. EAB025HC has 2 holes

Th. Res.
11.4°C/W 25mm
10.2°C/W 38mm
8.8°C/W 50mm
7.0°C/W 63mm

Manf. Part No. & anglia Order Code
EAB025HC
EAB038HC
EAB050HC
EAB063HC

EAC series

Calinar



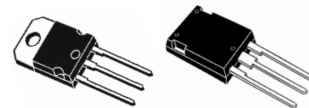
Compact, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO202 package. Screw or clip mount. Choice of thermal resistance.

Th. Res.
14.0°C/W 25.4mm
11.0°C/W 38.1mm
9.0°C/W 50.8mm
8.0°C/W 63.5mm

Manf. Part No. & anglia Order Code
EAC025HC
EAC038HC
EAC050HC
EAC063HC
CLIP-06

Device retaining clip

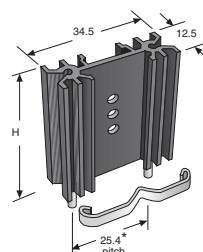
TO218 & TO247 package



Also covers DOP3(I), ISOWATT218, SOD93, SOT93, and TOP3(I)

EAB series

Calinar



A range of compact, vertical mounting extruded heatsinks with solderable fixing pins*. Designed to accommodate a single TO218/TO247 package via a clip, available separately, or mounting holes. Choice of thermal resistance.

*EAB025NH & EABxxxTH have no fixing pins

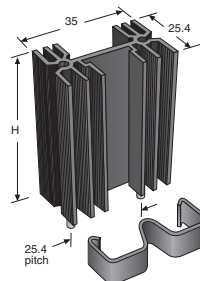
| Th. Res. | Height (H) | Device Mtg |
|----------|------------|------------|
| 12.0°C/W | 19mm | Clip |
| 11.4°C/W | 25mm | Clip |
| 11.4°C/W | 25mm | Clip |
| 11.4°C/W | 25mm | Holes (2) |
| 11.4°C/W | 25mm | Holes (2) |
| 10.2°C/W | 38mm | Clip |
| 10.2°C/W | 38mm | Holes (3) |
| 10.2°C/W | 38mm | Holes (3) |
| 8.8°C/W | 50mm | Clip |
| 8.8°C/W | 50mm | Holes (3) |
| 8.8°C/W | 50mm | Holes (3) |
| 7.0°C/W | 63mm | Clip |
| 7.0°C/W | 63mm | Holes (3) |
| 7.0°C/W | 63mm | Holes (3) |

Device retaining clip

Manf. Part No. & anglia Order Code
EAB019NN
EAB025NN
EAB025NH
EAB025TH
EAB025FH
EAB038NN
EAB038TH
EAB038FH
EAB050NN
EAB050TH
EAB050FH
EAB063NN
EAB063TH
EAB063FH
CLIP-01

EAD series

Calinar



Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Designed to accommodate a single TO218/TO247 package via a clip, available separately, or mounting hole. Choice of thermal resistance.

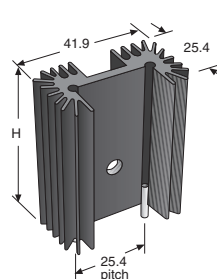
| Th. Res. | Height (H) | Device Mtg |
|----------|------------|------------|
| 7.3°C/W | 38mm | Clip |
| 7.3°C/W | 38mm | Hole |
| 5.9°C/W | 50mm | Clip |
| 5.9°C/W | 50mm | Hole |
| 4.7°C/W | 63mm | Clip |
| 4.7°C/W | 63mm | Hole |

Device retaining clip

Manf. Part No. & anglia Order Code
EAD038NN
EAD038TH
EAD050NN
EAD050TH
EAD063NN
EAD063TH
CLIP-04

EAN series

Calinar



Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO218/TO247 package. Choice of thermal resistance.

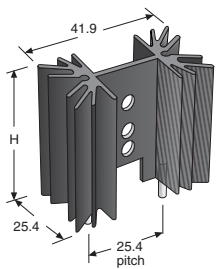
| Th. Res. | Height (H) |
|----------|------------|
| 5.6°C/W | 25.4mm |
| 5.1°C/W | 31.8mm |
| 4.4°C/W | 38.1mm |
| 3.3°C/W | 50.8mm |
| 2.7°C/W | 63.5mm |

Manf. Part No. & anglia Order Code
EAN025BH
EAN031BH
EAN038BH
EAN050BH
EAN063BH

TO218 & TO247 package continued overleaf > > >

TO218 & TO247 package *continued*

EAV series



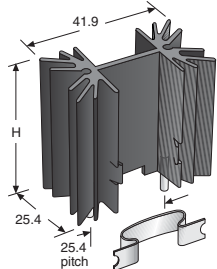
Screw Mount

Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Designed to accommodate a single TO218/TO247 package. Option of screw or clip mount with a choice of thermal resistance in both series.

| Th. Res. | Height (H) |
|----------|------------|
| 4.7°C/W | 25.4mm |
| 4.3°C/W | 31.8mm |
| 3.9°C/W | 38.1mm |
| 3.6°C/W | 50.8mm |
| 3.1°C/W | 63.5mm |

Manf. Part No. & **anglia** Order Code

EAV025HC
EAV031HC
EAV038HC
EAV050HC
EAV063HC

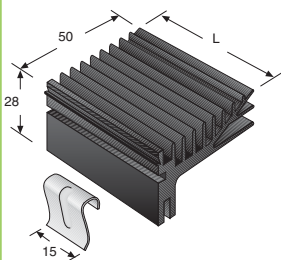


Clip Mount

| Th. Res. | Height (H) |
|----------|------------|
| 4.7°C/W | 25.4mm |
| 4.3°C/W | 31.8mm |
| 3.9°C/W | 38.1mm |
| 3.6°C/W | 50.8mm |
| 3.1°C/W | 63.5mm |

EAV025CL
EAV031CL
EAV038CL
EAV050CL
EAV063CL
CLIP-05

EXK-L series



High power dissipation, extruded heatsinks designed to accommodate one or more TO218/TO247 packages via clips (available separately) or a threaded slot. Shaped to minimise board space by overhanging adjacent components. Additional threaded slot in base aids assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 5.2°C/W | 50mm |
| 4.3°C/W | 75mm |
| 3.4°C/W | 100mm |
| 2.9°C/W | 150mm |

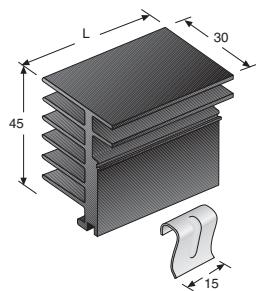
Device retaining clip

Manf. Part No. & **anglia** Order Code

EXK050L
EXK075L
EXK100L
EXK150L
CLIP-09

N.B. Other lengths available to special order

EXK-M series



High power dissipation, extruded heatsinks designed to accommodate one or more TO218/TO247 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with a threaded slot provided to aid assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 4.8°C/W | 50mm |
| 3.7°C/W | 75mm |
| 3.3°C/W | 100mm |
| 2.7°C/W | 150mm |

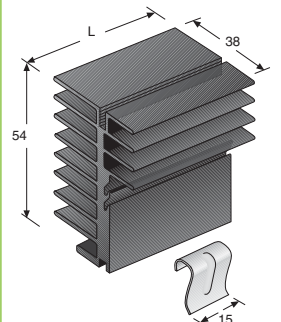
Device retaining clip

Manf. Part No. & **anglia** Order Code

EXK050M
EXK075M
EXK100M
EXK150M
CLIP-09

N.B. Other lengths available to special order

EXK-R series



Taller, high power dissipation, extruded heatsinks designed to accommodate one or more TO218/TO247 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with threaded slots provided to aid assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 3.3°C/W | 50mm |
| 2.3°C/W | 75mm |
| 2.2°C/W | 100mm |
| 1.9°C/W | 150mm |
| 1.4°C/W | 200mm |

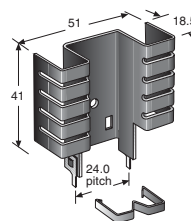
Device retaining clip

Manf. Part No. & **anglia** Order Code

EXK050R
EXK075R
EXK100R
EXK150R
EXK200R
CLIP-09

N.B. Other lengths available to special order

SFV041ST



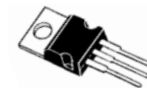
High power dissipation heatsink, with rugged, solderable tags pre-drilled to accommodate a single TO218/TO247 package. Additional slots accept a device retaining clip, available separately.

Th. Res.
7.0°C/W
Device retaining clip

Manf. Part No. & **anglia** Order Code

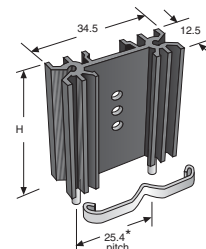
SFV041ST
CLIP-02

TO220 package



Also covers HEPTAWATT, ISOWATT220 and PENTAWATT

EAB series



A range of compact, vertical mounting extruded heatsinks with solderable fixing pins*. Designed to accommodate a single TO220 package via a clip, available separately, or mounting holes. Choice of thermal resistance.

*EAB025NH & EABxxxTH have no fixing pins

| Th. Res. | Height (H) | Device Mtg |
|----------|------------|------------|
| 12.0°C/W | 19mm | Clip |
| 11.4°C/W | 25mm | Clip |
| 11.4°C/W | 25mm | Clip |
| 11.4°C/W | 25mm | Holes (2) |
| 11.4°C/W | 25mm | Holes (2) |
| 10.2°C/W | 38mm | Clip |
| 10.2°C/W | 38mm | Holes (3) |
| 10.2°C/W | 38mm | Holes (3) |
| 8.8°C/W | 50mm | Clip |
| 8.8°C/W | 50mm | Holes (3) |
| 8.8°C/W | 50mm | Holes (3) |
| 7.0°C/W | 63mm | Clip |
| 7.0°C/W | 63mm | Holes (3) |
| 7.0°C/W | 63mm | Holes (3) |

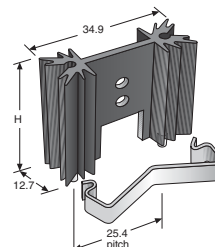
Device retaining clip

Device Mtg

Manf. Part No. & **anglia** Order Code

EAB019NN
EAB025NN
EAB025NH
EAB025TH
EAB025FH
EAB038NN
EAB038TH
EAB038FH
EAB050NN
EAB050TH
EAB050FH
EAB063NN
EAB063TH
EAB063FH
CLIP-01

EAC series



Compact, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Screw or clip mount. Choice of thermal resistance.

| Th. Res. | Height (H) |
|----------|------------|
| 14.0°C/W | 25.4mm |
| 11.0°C/W | 38.1mm |
| 9.0°C/W | 50.8mm |
| 8.0°C/W | 63.5mm |

Device retaining clip

Manf. Part No. & **anglia** Order Code

EAC025HC
EAC038HC
EAC050HC
EAC063HC
CLIP-06

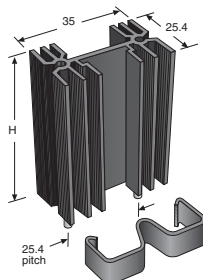
TO220 package

continued

NEW

EAD series

Calinar



Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Designed to accommodate a single TO220 package via a clip, available separately, or mounting hole. Choice of thermal resistance.

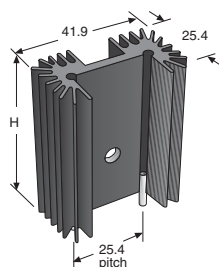
| Th. Res. | Height (H) | Device Mtg |
|----------|------------|------------|
| 7.3°C/W | 38mm | Clip |
| 7.3°C/W | 38mm | Hole |
| 5.9°C/W | 50mm | Clip |
| 5.9°C/W | 50mm | Hole |
| 4.7°C/W | 63mm | Clip |
| 4.7°C/W | 63mm | Hole |

Device retaining clip

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EAD038NN |
| EAD038TH |
| EAD050NN |
| EAD050TH |
| EAD063NN |
| EAD063TH |
| CLIP-04 |

EAN series

Calinar



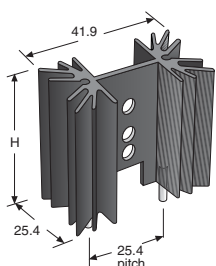
Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Choice of thermal resistance.

| Th. Res. | Height (H) |
|----------|------------|
| 5.6°C/W | 25.4mm |
| 5.1°C/W | 31.8mm |
| 4.4°C/W | 38.1mm |
| 3.3°C/W | 50.8mm |
| 2.7°C/W | 63.5mm |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EAN025BH |
| EAN031BH |
| EAN038BH |
| EAN050BH |
| EAN063BH |

EAV series

Calinar

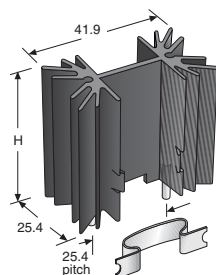


Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Designed to accommodate a single TO220 package. Option of screw or clip mount with a choice of thermal resistance in both series.

Screw Mount

| Th. Res. | Height (H) |
|----------|------------|
| 4.7°C/W | 25.4mm |
| 4.3°C/W | 31.8mm |
| 3.9°C/W | 38.1mm |
| 3.6°C/W | 50.8mm |
| 3.1°C/W | 63.5mm |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EAV025HC |
| EAV031HC |
| EAV038HC |
| EAV050HC |
| EAV063HC |



Clip Mount

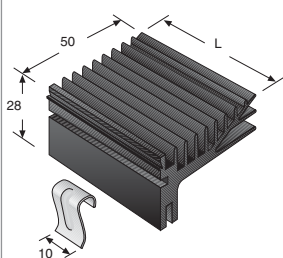
| Th. Res. | Height (H) |
|----------|------------|
| 4.7°C/W | 25.4mm |
| 4.3°C/W | 31.8mm |
| 3.9°C/W | 38.1mm |
| 3.6°C/W | 50.8mm |
| 3.1°C/W | 63.5mm |

Device retaining clip

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EAV025CL |
| EAV031CL |
| EAV038CL |
| EAV050CL |
| EAV063CL |
| CLIP-05 |

EXK-L series

Calinar



High power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via clips (available separately) or a threaded slot. Shaped to minimise board space by overhanging adjacent components. Additional threaded slot in base aids assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 5.2°C/W | 50mm |
| 4.3°C/W | 75mm |
| 3.4°C/W | 100mm |
| 2.9°C/W | 150mm |

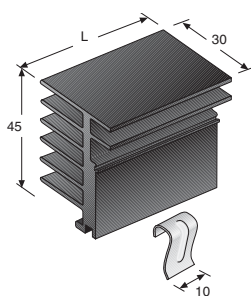
Device retaining clip

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EXK050L |
| EXK075L |
| EXK100L |
| EXK150L |
| CLIP-07 |

N.B. Other lengths available to special order

EXK-M series

Calinar



High power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with a threaded slot provided to aid assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 4.8°C/W | 50mm |
| 3.7°C/W | 75mm |
| 3.3°C/W | 100mm |
| 2.7°C/W | 150mm |

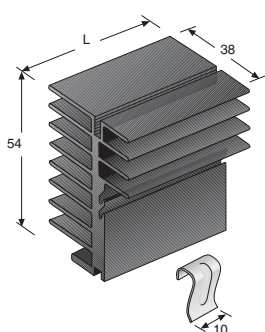
Device retaining clip

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EXK050M |
| EXK075M |
| EXK100M |
| EXK150M |
| CLIP-07 |

N.B. Other lengths available to special order

EXK-R series

Calinar



Taller, high power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with threaded slots provided to aid assembly. Choice of thermal resistance.

| Th. Res. | Length (L) |
|----------|------------|
| 3.3°C/W | 50mm |
| 2.3°C/W | 75mm |
| 2.2°C/W | 100mm |
| 1.9°C/W | 150mm |
| 1.4°C/W | 200mm |

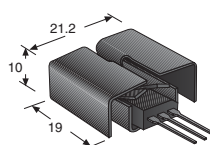
Device retaining clip

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| EXK050R |
| EXK075R |
| EXK100R |
| EXK150R |
| EXK200R |
| CLIP-07 |

N.B. Other lengths available to special order

FCH019HT

Calinar



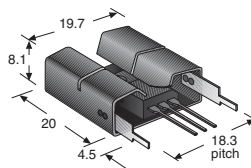
Clip-on heatsink, with additional bolt hole, to fit a single TO220 package. Suitable for horizontal (normal) or vertical mounting.

| Th. Res. |
|----------|
| 23.1°C/W |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| FCH019HT |

FCH020NT/WT

Calinar



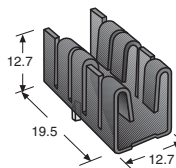
Clip-on heatsinks, with additional bolt hole, to fit a single TO220 package. Available with or without solderable fixing tags.

| Th. Res. | Type |
|----------|---------------------------|
| 28.9°C/W | With fixing tags (illus.) |
| 28.9°C/W | Without fixing tags |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| FCH020WT |
| FCH020NT |

FCL series

Calinar



Compact, clip-on heatsinks to fit a single TO220 package. Available with or without a solderable fixing tag. Choice of right angle (R/A) or straight tag (6.4mm or 9.5mm long).

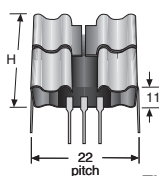
| Th. Res. | Type |
|----------|--|
| 25.3°C/W | With R/A central fixing tag (illus.) |
| 25.3°C/W | With straight central fixing tag (6.4mm) |
| 25.3°C/W | With straight central fixing tag (9.5mm) |
| 25.3°C/W | Without fixing tag |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| FCL019RA |
| FCL019CS |
| FCL019CL |
| FCL019NT |

TO220 package *continued overleaf* >>>

TO220 package *continued*

SFV019NA/WB

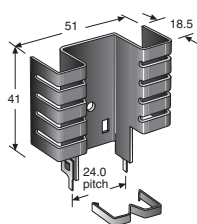


Clip-on heatsinks, with additional bolt hole, to fit a single TO220 package. Choice of thermal resistance, finish and fixing tags.

| Th. Res. | Finish | Height (H) | Fixing Tags |
|----------|---------------------|------------|-------------|
| 23.7°C/W | Black anodised | 19mm | Without |
| 20.3°C/W | Solderable (illus.) | 19mm | With |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SFV019NA |
| SFV019WB |

SFV041ST

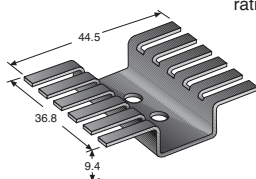


High power dissipation heatsink with rugged, solderable tags pre-drilled to accommodate a single TO220 package. Additional slots accept a device retaining clip, available separately.

| Th. Res. |
|-----------------------|
| 7.0°C/W |
| Device retaining clip |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SFV041ST |
| CLIP-02 |

SHL037DF

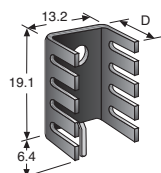


Gull wing design heatsink pre-drilled to accommodate one to two TO220 packages. Combines good thermal ratings with a low height.

| Th. Res. |
|----------|
| 7.0°C/W |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SHL037DF |

SVA series



Compact heatsinks pre-drilled to accommodate a single TO220 package. Available with or without a solderable fixing tag. Choice of thermal resistance.

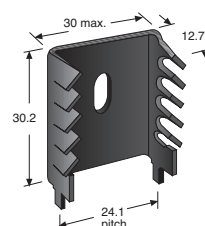
| Th. Res. | Depth (D) |
|----------|-----------|
| 30.2°C/W | 6.4mm |
| 27.7°C/W | 9.5mm |
| 24.4°C/W | 12.7mm |
| 30.2°C/W | 6.4mm |
| 27.7°C/W | 9.5mm |
| 24.4°C/W | 12.7mm |

With Tag

Without Tag

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVA006WT |
| SVA010WT |
| SVA013WT |
| SVA006NT |
| SVA010NT |
| SVA013NT |

SVB030WT



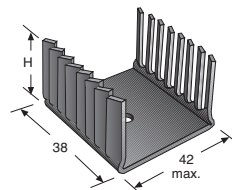
Twisted vane heatsink with integral fixing tags and a slotted hole designed to accommodate a single TO220 package.

| Th. Res. |
|----------|
| 17.0°C/W |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVB030WT |

NEW

SVC series

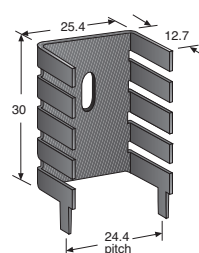


Twisted vane heatsinks pre-drilled to accommodate one or two TO220 packages. Choice of thermal resistance.

| Th. Res. | Height (H) |
|----------|------------|
| 9.0°C/W | 13mm |
| 7.7°C/W | 19mm |
| 7.2°C/W | 25mm |
| 6.8°C/W | 30mm |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVC013TV |
| SVC019TV |
| SVC025TV |
| SVC030TV |

SVP030NT/WT

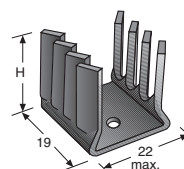


Heatsinks with a slotted hole to accommodate a single TO220 package. Available with fixing tags for vertical mounting, or without tags.

| Th. Res. | Type |
|----------|--------------------|
| 12.5°C/W | With tags (illus.) |
| 13.0°C/W | Without tags |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVP030WT |
| SVP030NT |

SVR series

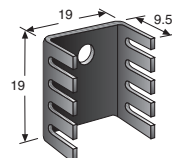


Compact, twisted vane heatsinks pre-drilled to accommodate a single TO220 package. Choice of thermal resistance.

| Th. Res. | Height (H) |
|----------|------------|
| 29.9°C/W | 11mm |
| 21.6°C/W | 19mm |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVR011TV |
| SVR019TV |

SVT010MH

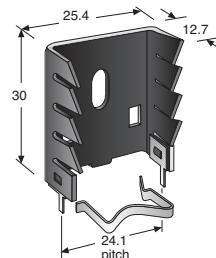


A heatsink pre-drilled to accommodate a single TO220 package.

| Th. Res. |
|----------|
| 24.5°C/W |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVT010MH |

SVT030AC

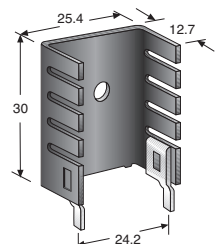


Vertical mounting twisted vane heatsink with rugged, solderable tags and a slotted hole to accommodate a single TO220 package. Has facility to accept device retaining clip, available separately.

| Th. Res. |
|-----------------------|
| 17.0°C/W |
| Device retaining clip |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVT030AC |
| CLIP-03 |

SVT030TL



Vertical mounting heatsink with rugged, solderable tags. Pre-drilled to accommodate a single TO220 package.

| Th. Res. |
|----------|
| 17.0°C/W |

| Manf. Part No. & anglia Order Code |
|------------------------------------|
| SVT030TL |