



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

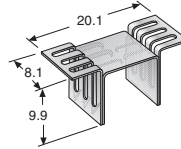


SMD

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

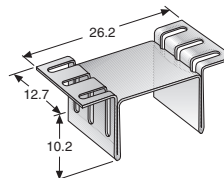


SMD

SMH013D



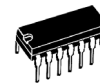
A compact surface mount copper heatsink, with solderable finish, designed for use with a single D²PAK package. Available loose or taped and reeled.



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

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

IC package

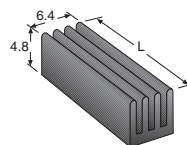


DM series



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.

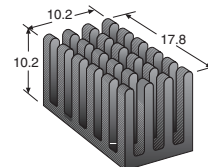
Style 1 (DMJ)



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

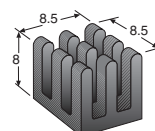
Style 2 (DMC)



Th. Res.
31°C/W

Manf. Part No. & **anglia** Order Code
DMC018D

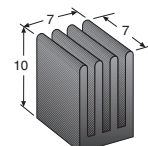
Style 3 (DMK)



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

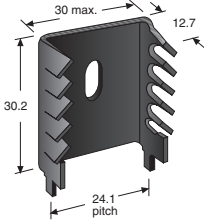
NEW

SOT32/TO126 package



SVB030WT

Calinar



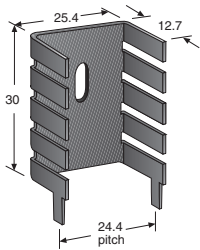
Twisted vane heatsink with integral fixing tags and a slotted hole designed to accommodate a single SOT32/TO126 package.

Th. Res.
17.0°C/W

Manf. Part No. & anglia Order Code
SVB030WT

SVP030NT/WT

Calinar

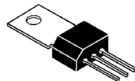


Heatsinks with a slotted hole to accommodate a single SOT32/TO126 package. Available with fixing tags for vertical mounting, or without tags.

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

Manf. Part No. & anglia Order Code
SVP030WT
SVP030NT

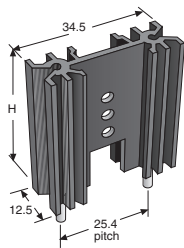
TO202 package



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.

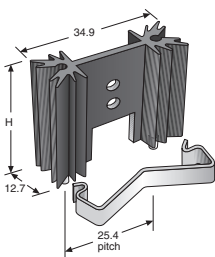
N.B. EAB025HC has 2 holes

Th. Res. **Height (H)**
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



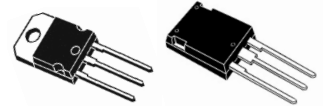
Compact, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO202 package. Screw or clip mount. Choice of thermal resistance.

Th. Res. **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

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

Device retaining clip

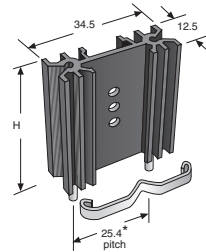
TO218 & TO247 package



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

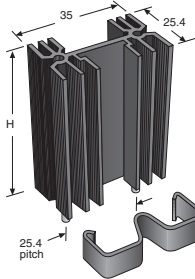
Th. Res.	Height (H)	Device Mtg	Manf. Part No. & anglia Order Code
12.0°C/W	19mm	Clip	EAB019NN
11.4°C/W	25mm	Clip	EAB025NN
11.4°C/W	25mm	Clip	EAB025NH
11.4°C/W	25mm	Holes (2)	EAB025TH
11.4°C/W	25mm	Holes (2)	EAB025FH
10.2°C/W	38mm	Clip	EAB038NN
10.2°C/W	38mm	Holes (3)	EAB038TH
10.2°C/W	38mm	Holes (3)	EAB038FH
8.8°C/W	50mm	Clip	EAB050NN
8.8°C/W	50mm	Holes (3)	EAB050TH
8.8°C/W	50mm	Holes (3)	EAB050FH
7.0°C/W	63mm	Clip	EAB063NN
7.0°C/W	63mm	Holes (3)	EAB063TH
7.0°C/W	63mm	Holes (3)	EAB063FH

Device retaining clip

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.

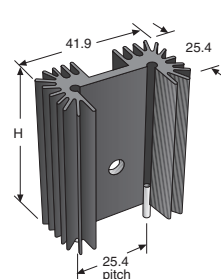
Th. Res.	Height (H)	Device Mtg	Manf. Part No. & anglia Order Code
7.3°C/W	38mm	Clip	EAD038NN
7.3°C/W	38mm	Hole	EAD038TH
5.9°C/W	50mm	Clip	EAD050NN
5.9°C/W	50mm	Hole	EAD050TH
4.7°C/W	63mm	Clip	EAD063NN
4.7°C/W	63mm	Hole	EAD063TH

Device retaining clip

CLIP-04

EAN series

Calinar



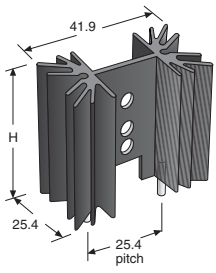
Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO218/TO247 package. Choice of thermal resistance.

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
5.6°C/W	25.4mm	EAN025BH
5.1°C/W	31.8mm	EAN031BH
4.4°C/W	38.1mm	EAN038BH
3.3°C/W	50.8mm	EAN050BH
2.7°C/W	63.5mm	EAN063BH

TO218 & TO247 package continued overleaf >>>

TO218 & TO247 package *continued*

EAV series



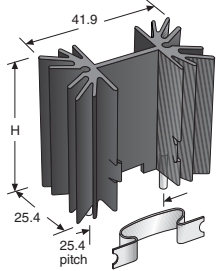
Screw Mount

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



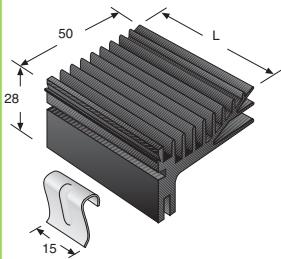
Clip Mount

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

Device retaining clip

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

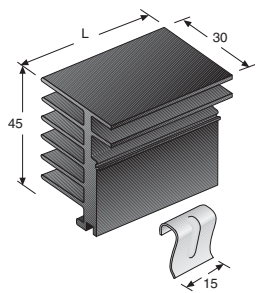
Device retaining clip

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

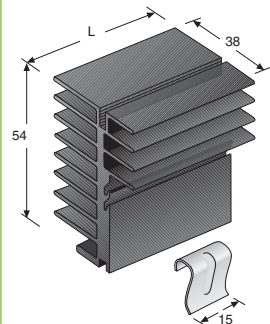
Device retaining clip

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

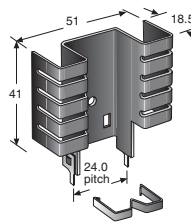
Manf. Part No. & **anglia** Order Code

EXK050R
EXK075R
EXK100R
EXK150R
EXK200R
CLIP-09

N.B. Other lengths available to special order

NEW

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.

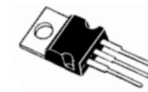
Th. Res.
7.0°C/W

Device retaining clip

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

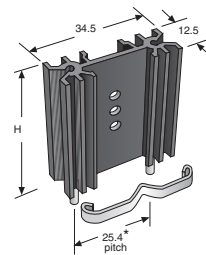
SFV041ST
CLIP-02

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

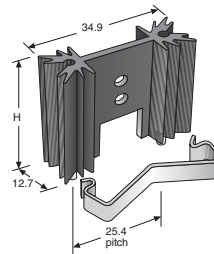
Th. Res.	Height (H)	Device Mtg
12.0°C/W	19mm	Clip
11.4°C/W	25mm	Clip
11.4°C/W	25mm	Clip
11.4°C/W	25mm	Holes (2)
11.4°C/W	25mm	Holes (2)
10.2°C/W	38mm	Clip
10.2°C/W	38mm	Holes (3)
10.2°C/W	38mm	Holes (3)
8.8°C/W	50mm	Clip
8.8°C/W	50mm	Holes (3)
8.8°C/W	50mm	Holes (3)
7.0°C/W	63mm	Clip
7.0°C/W	63mm	Holes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

Device retaining clip

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

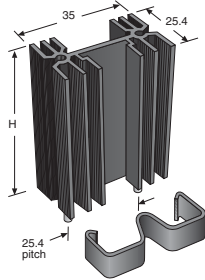
Manf. Part No. & **anglia** Order Code

EAC025HC
EAC038HC
EAC050HC
EAC063HC
CLIP-06

TO220 package *continued*

NEW

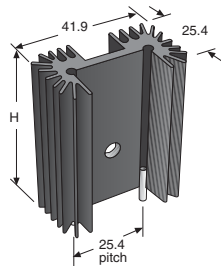
EAD series



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	Manf. Part No. & anglia Order Code
7.3°C/W	38mm	Clip	EAD038NN
7.3°C/W	38mm	Hole	EAD038TH
5.9°C/W	50mm	Clip	EAD050NN
5.9°C/W	50mm	Hole	EAD050TH
4.7°C/W	63mm	Clip	EAD063NN
4.7°C/W	63mm	Hole	EAD063TH
Device retaining clip		-	CLIP-04

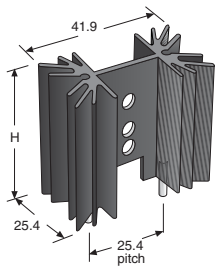
EAN series



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)	Manf. Part No. & anglia Order Code
5.6°C/W	25.4mm	EAN025BH
5.1°C/W	31.8mm	EAN031BH
4.4°C/W	38.1mm	EAN038BH
3.3°C/W	50.8mm	EAN050BH
2.7°C/W	63.5mm	EAN063BH

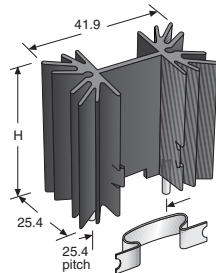
EAV series



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.

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
4.7°C/W	25.4mm	EAV025HC
4.3°C/W	31.8mm	EAV031HC
3.9°C/W	38.1mm	EAV038HC
3.6°C/W	50.8mm	EAV050HC
3.1°C/W	63.5mm	EAV063HC

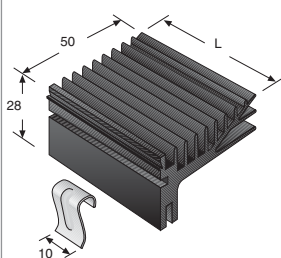
Screw Mount



Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
4.7°C/W	25.4mm	EAV025CL
4.3°C/W	31.8mm	EAV031CL
3.9°C/W	38.1mm	EAV038CL
3.6°C/W	50.8mm	EAV050CL
3.1°C/W	63.5mm	EAV063CL
Device retaining clip		CLIP-05

Clip Mount

EXK-L series

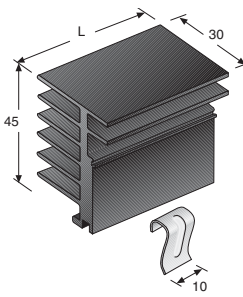


High power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via clips (available separately) or a threaded slot. Shaped to minimise board space by overhanging adjacent components. Additional threaded slot in base aids assembly. Choice of thermal resistance.

Th. Res.	Length (L)	Manf. Part No. & anglia Order Code
5.2°C/W	50mm	EXK050L
4.3°C/W	75mm	EXK075L
3.4°C/W	100mm	EXK100L
2.9°C/W	150mm	EXK150L
Device retaining clip		CLIP-07

N.B. Other lengths available to special order

EXK-M series

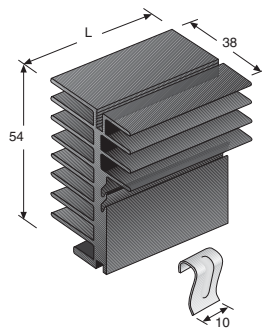


High power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with a threaded slot provided to aid assembly. Choice of thermal resistance.

Th. Res.	Length (L)	Manf. Part No. & anglia Order Code
4.8°C/W	50mm	EXK050M
3.7°C/W	75mm	EXK075M
3.3°C/W	100mm	EXK100M
2.7°C/W	150mm	EXK150M
Device retaining clip		CLIP-07

N.B. Other lengths available to special order

EXK-R series

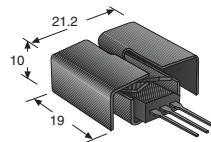


Taller, high power dissipation, extruded heatsinks designed to accommodate one or more TO220 packages via a clip retaining feature (clips available separately). Shaped to minimise board space, with threaded slots provided to aid assembly. Choice of thermal resistance.

Th. Res.	Length (L)	Manf. Part No. & anglia Order Code
3.3°C/W	50mm	EXK050R
2.3°C/W	75mm	EXK075R
2.2°C/W	100mm	EXK100R
1.9°C/W	150mm	EXK150R
1.4°C/W	200mm	EXK200R
Device retaining clip		CLIP-07

N.B. Other lengths available to special order

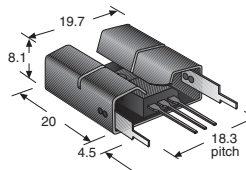
FCH019HT



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

Th. Res.	Manf. Part No. & anglia Order Code
23.1°C/W	FCH019HT

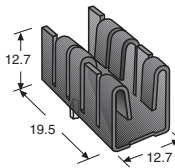
FCH020NT/WT



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

Th. Res.	Type	Manf. Part No. & anglia Order Code
28.9°C/W	With fixing tags (illus.)	FCH020WT
28.9°C/W	Without fixing tags	FCH020NT

FCL series



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).

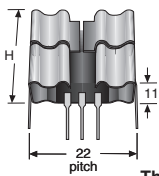
Th. Res.	Type	Manf. Part No. & anglia Order Code
25.3°C/W	With R/A central fixing tag (illus.)	FCL019RA
25.3°C/W	With straight central fixing tag (6.4mm)	FCL019CS
25.3°C/W	With straight central fixing tag (9.5mm)	FCL019CL
25.3°C/W	Without fixing tag	FCL019NT

TO220 package *continued overleaf* >>>

TO220 package *continued*



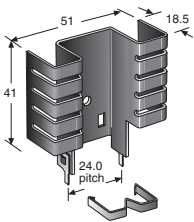
SFV019NA/WB



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	Manf. Part No. & anglia Order Code
23.7°C/W	Black anodised	19mm	Without	SFV019NA
20.3°C/W	Solderable (illus.)	19mm	With	SFV019WB

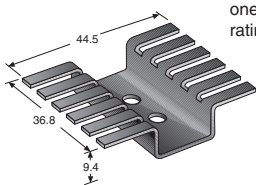
SFV041ST



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.	Manf. Part No. & anglia Order Code
7.0°C/W	SFV041ST
Device retaining clip	CLIP-02

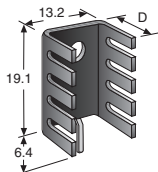
SHL037DF



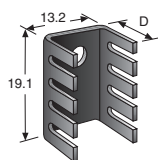
Gull wing design heatsink pre-drilled to accommodate one to two TO220 packages. Combines good thermal ratings with a low height.

Th. Res.	Manf. Part No. & anglia Order Code
7.0°C/W	SHL037DF

SVA series

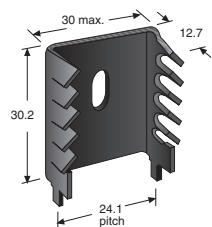


Compact heatsinks pre-drilled to accommodate a single TO220 package. Available with or without a solderable fixing tag. Choice of thermal resistance.



Th. Res.	Depth (D)	Manf. Part No. & anglia Order Code
30.2°C/W	6.4mm	SVA006WT
27.7°C/W	9.5mm	SVA010WT
24.4°C/W	12.7mm	SVA013WT
30.2°C/W	6.4mm	SVA006NT
27.7°C/W	9.5mm	SVA010NT
24.4°C/W	12.7mm	SVA013NT

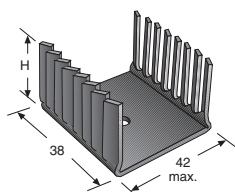
SVB030WT



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

Th. Res.	Manf. Part No. & anglia Order Code
17.0°C/W	SVB030WT

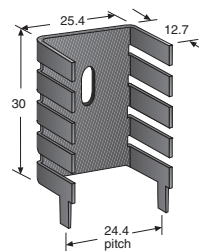
SVC series



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

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
9.0°C/W	13mm	SVC013TV
7.7°C/W	19mm	SVC019TV
7.2°C/W	25mm	SVC025TV
6.8°C/W	30mm	SVC030TV

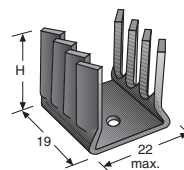
SVP030NT/WT



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

Th. Res.	Type	Manf. Part No. & anglia Order Code
12.5°C/W	With tags (illus.)	SVP030WT
13.0°C/W	Without tags	SVP030NT

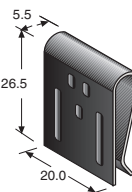
SVR series



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

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
29.9°C/W	11mm	SVR011TV
21.6°C/W	19mm	SVR019TV

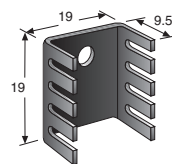
SVS025BA



Clip-on heatsink to fit a single TO220 package.

Th. Res.	Manf. Part No. & anglia Order Code
23.0°C/W	SVS025BA

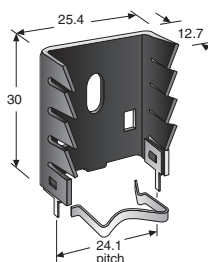
SVT010MH



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

Th. Res.	Manf. Part No. & anglia Order Code
24.5°C/W	SVT010MH

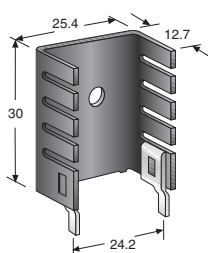
SVT030AC



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.	Manf. Part No. & anglia Order Code
17.0°C/W	SVT030AC
Device retaining clip	CLIP-03

SVT030TL



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

Th. Res.	Manf. Part No. & anglia Order Code
17.0°C/W	SVT030TL

A range of economical, commercial grade silicone rubber thermal interface materials providing good electrical isolation, reinforced with glass fibre and flame retardant to UL94V-0. Supplied in sheets of 300 x 300mm or pre-cut pads. The range also includes thermal sleeves and hoods, which can be placed directly onto the device. Colour - Grey. A selection of clamps completes the offering.

THERMAL SHEETS/PADS

Specification
 Thermal Conductivity - 1.1W/m-K
 Voltage Breakdown - 4000Vrms
 Thickness - 0.3 - 0.75mm
 Colour - Grey



300 x 300mm Sheet



TO220 (Clip-mount, no hole)

Non-adhesive
Adhesive coating

anglia
Order Code
TP-NA-IS-300X300
TP-AC-IS-300X300

Non-adhesive
Adhesive coating

anglia
Order Code
TP-NA-IS-TO220-CM
TP-AC-IS-TO220-CM



TO220
anglia
Order Code
TP-NA-IS-TO220
TP-AC-IS-TO220

Non-adhesive
Adhesive coating



TO3P/TO247
anglia
Order Code
TP-NA-IS-TO3P/247
TP-AC-IS-TO3P/247

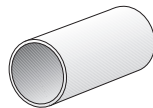
Non-adhesive
Adhesive coating



TO3
anglia
Order Code
TP-NA-IS-TO3

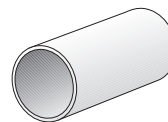
Non-adhesive

THERMAL SLEEVES



TO220

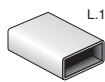
anglia
Order Code
TS-NA-IS-TO220



TO3P/TO247

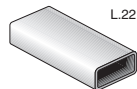
anglia
Order Code
TS-NA-IS-TO3P/247

THERMAL HOODS

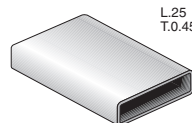


TO220

anglia
Order Code
TH-TO220-S-45

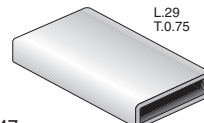


anglia
Order Code
TH-TO220-L-45



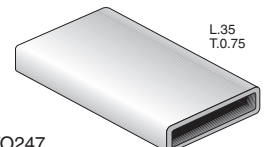
TO3P/TO247

anglia
Order Code
TH-TO3P/247-S-45



TO3P/TO247

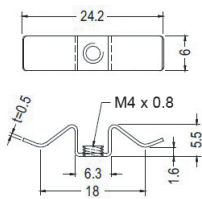
anglia
Order Code
TH-TO3P/247-S-75



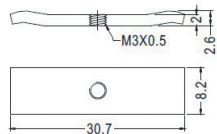
anglia
Order Code
TH-TO3P/247-L-75

CLAMPS

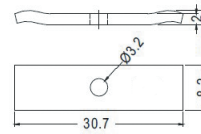
Metal clips designed to clamp the device in conjunction with the above thermal interface products.



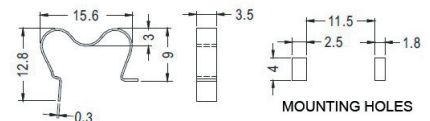
anglia
Order Code
CLAMP-01



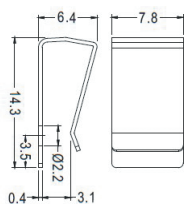
anglia
Order Code
CLAMP-02



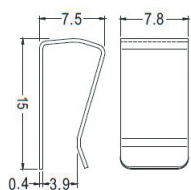
anglia
Order Code
CLAMP-03



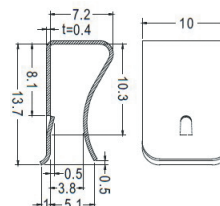
anglia
Order Code
CLAMP-07



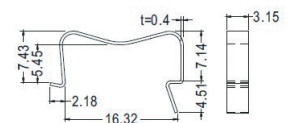
anglia
Order Code
CLAMP-04



anglia
Order Code
CLAMP-05



anglia
Order Code
CLAMP-06



anglia
Order Code
CLAMP-08