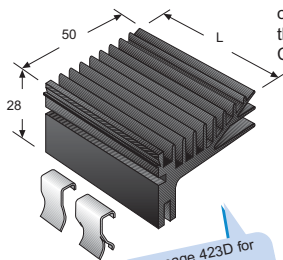


## TO220 package

continued

### KL series



See page 423D for **Calinar** low cost alternative

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

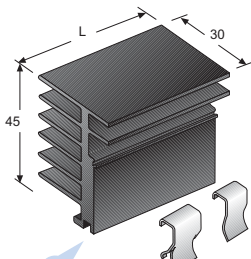
Device retaining clip (with legs)  
Device retaining clip (without legs for space saving)

Manf. Part No. & angia Order Code

KL50-1  
KL75-1  
KL100-1  
KL150-1

4426  
4525

### KM series



See page 423D for **Calinar** low cost alternative

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

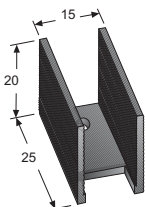
Device retaining clip (with legs)  
Device retaining clip (without legs for space saving)

Manf. Part No. & angia Order Code

KM50-1  
KM75-1  
KM100-1  
KM150-1

4426  
4525

### ML26AA

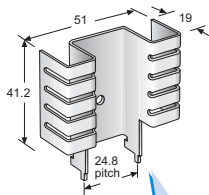


Compact, extruded heatsink designed to accommodate a single TO220 package.

Th. Res.  
17.9°C/W

Manf. Part No. & angia Order Code  
ML26AA

### PF184, PF185, PF187



See page 423E for **Calinar** low cost alternative

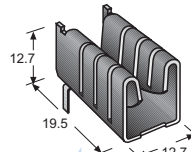
High power dissipation heatsinks, with integral fixing tags, pre-drilled to accommodate a single TO220 package. Choice of finish with PF184 having additional slots to accept a device retaining clip, available separately.

Th. Res. Finish Device Mtg  
8.7°C/W Black anodised Hole  
8.7°C/W Solderable (illus.) Hole  
8.7°C/W Solderable Clip  
Device retaining clip (for PF184)

Manf. Part No. & angia Order Code

PF187  
PF185  
PF184  
7701

### PF432, PF433, PF434, PF436



See page 423D for **Calinar** low cost alternative

Th. Res.

25.3°C/W  
25.3°C/W  
25.3°C/W  
25.3°C/W

Type

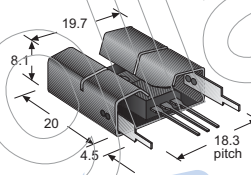
Compact, clip-on heatsinks to fit a single TO220 package. Available with or without a solderable fixing tag. Choice of right angle (R/A) or straight tag and its position.  
Black pre-anodised finish (bare edges).

With R/A edge fixing tag (illus.)  
With R/A central fixing tag  
With straight central fixing tag  
Without fixing tag

Manf. Part No. & angia Order Code

PF436  
PF434  
PF432  
PF433

### PF720, PF723



See page 423D for **Calinar** low cost alternative

Th. Res.

28.9°C/W  
28.9°C/W

Type

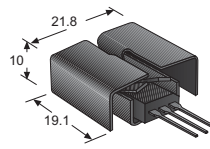
Clip-on heatsinks, with additional bolt hole, to fit a single TO220 package. Black enamel paint finish. Available with or without solderable fixing tags.

With fixing tags (illus.)  
Without fixing tags

Manf. Part No. & angia Order Code

PF723  
PF720

### PF745



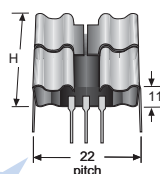
See page 423D for **Calinar** low cost alternative

Th. Res.  
23.1°C/W

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

Manf. Part No. & angia Order Code  
PF745

### PF750, PF751, PF752, PF758



See page 423E for **Calinar** low cost alternative

Th. Res.

23.7°C/W  
20.6°C/W  
20.3°C/W  
17.3°C/W

Finish

Black anodised  
Black anodised  
Solderable (illus.)  
Solderable

Height (H)

19mm  
19mm  
19mm  
24mm

Fixing Tags

Without  
With  
With  
With

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

Manf. Part No. & angia Order Code

PF752  
PF751  
PF750  
PF758

## HEATSINK COMPOUNDS & ADHESIVE

see page 424

## MOUNTING HARDWARE

including thermal interface materials

see pages 425-430



## TO220 package

continued

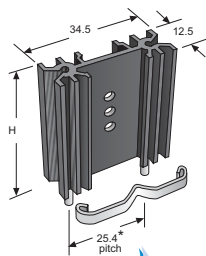
### SW series

**EXPANDED RANGE**



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.

\*SW25-3 & SW38-3 have no fixing pins



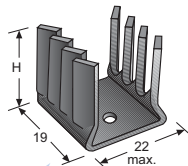
See page 423C for  
**Calinar**  
low cost alternative

Th. Res.	Height (H)	Device Mtg	Manf. Part No. & anglia Order Code
12.0°C/W	19mm	Clip	SW19-2
11.4°C/W	25mm	Clip	SW25-2
11.4°C/W	25mm	Holes (2)	SW25-3
11.4°C/W	25mm	Holes (2)	SW25-4
10.2°C/W	38mm	Clip	SW38-2
10.2°C/W	38mm	Holes (3)	SW38-3
10.2°C/W	38mm	Holes (3)	SW38-4
9.3°C/W	45mm	Clip	SW45-2
8.8°C/W	50mm	Clip	SW50-2
8.8°C/W	50mm	Holes (3)	SW50-4
7.0°C/W	63mm	Clip	SW63-2
7.0°C/W	63mm	Holes (3)	SW63-4
Device retaining clip		-	5901

### TV5, TV47, TV58



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



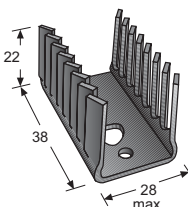
See page 423E for  
**Calinar**  
low cost alternative

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
29.9°C/W	11mm	TV58
27.1°C/W	13mm	TV47
21.6°C/W	19mm	TV5

### TV21



Twisted vane heatsink pre-drilled to accommodate a single TO220 package. Cut-out provided for device leads.

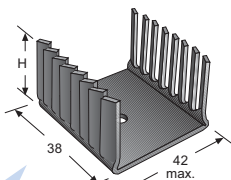


Th. Res.	Manf. Part No. & anglia Order Code
9.9°C/W	TV21

### TV35, TV100, TV101



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



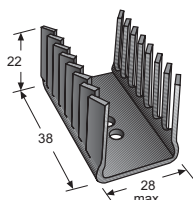
See page 423E for  
**Calinar**  
low cost alternative

Th. Res.	Height (H)	Manf. Part No. & anglia Order Code
9.0°C/W	13mm	TV100
7.7°C/W	19mm	TV101
7.2°C/W	25mm	TV35

### TV40G



Twisted vane heatsink pre-drilled to accommodate a single TO220 package.



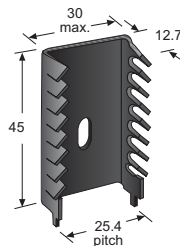
Th. Res.	Manf. Part No. & anglia Order Code
9.9°C/W	TV40G

All dimensions in mm

### TV65



Tall, vertical mounting twisted vane heatsink with integral fixing tags and a slotted hole to accommodate a single TO220 package.



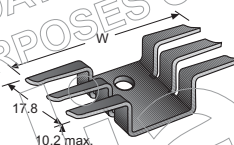
Th. Res.
13.5°C/W

Manf. Part No. & anglia Order Code
TV65

### TV96, TV97



Twisted vane heatsinks pre-drilled to accommodate a single TO220 package. Gull wing design combines good thermal ratings with a low height. Choice of thermal resistance.



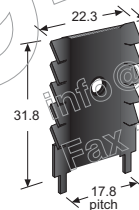
Th. Res.	Width (W)
24.0°C/W	31.7mm
20.0°C/W	44.4mm

Manf. Part No. & anglia Order Code
TV96
TV97

### TV125



Slim, vertical mounting twisted vane heatsink with integral fixing tags, pre-drilled to accommodate a single TO220 package. Occupies minimum board space.



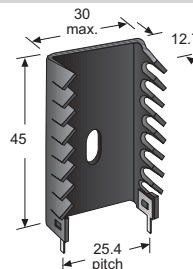
Th. Res.
27.0°C/W

Manf. Part No. & anglia Order Code
TV125

### TV265



Tall, vertical mounting twisted vane heatsink with rugged, solderable tags and a slotted hole to accommodate a single TO220 package.



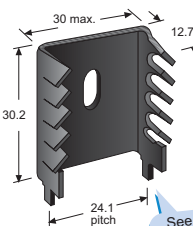
Th. Res.
13.0°C/W

Manf. Part No. & anglia Order Code
TV265

### TV1500, TV1505



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



Th. Res.	Type
17.0°C/W	With tags (illus.)
14.2°C/W	Without tags

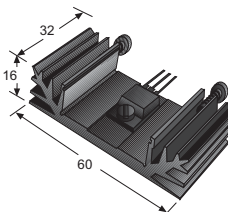
Manf. Part No. & anglia Order Code
TV1505
TV1500

See page 423E for  
**Calinar**  
low cost alternative

### 1.25GY-50



Extruded heatsink pre-drilled to accommodate a single TO220 package. Suitable for vertical or horizontal mounting. Central groove prevents device rotation.



Th. Res.
6.8°C/W (horiz.) / 8.8°C/W (vert.)

Manf. Part No. & anglia Order Code
1.25GY-50

TO220 package continued overleaf >>>>



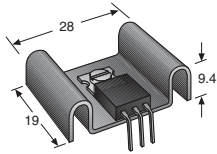
## TO220 package

continued

### 220SA



Pre-drilled to accommodate a single TO220 package. Suitable for vertical or horizontal mounting.



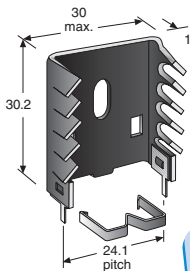
Th. Res.  
21.2°C/W

Manf. Part No.  
& **anglia**  
Order Code  
**220SA**

### 5900PB



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. Black pre-anodised finish (bare edges).



See page 423E for  
**Calinar**  
low cost alternative

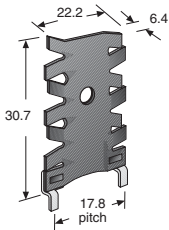
Th. Res.  
17.0°C/W  
Device retaining clip

Manf. Part No.  
& **anglia**  
Order Code  
**5900PB**  
**7701**

### 6022B/PB



Slim, vertical mounting heatsinks with solderable fixing tags, pre-drilled to accommodate a single TO220 package. Occupies minimum board space. Choice of finish.



Th. Res. Finish  
16.7°C/W Black anodised  
16.7°C/W Black pre-anodised (bare edges)

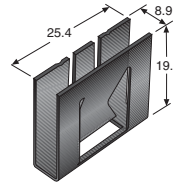
Manf. Part No.  
& **anglia**  
Order Code  
**6022B**  
**6022PB**

### 6045B

**NEW**



Clip-on heatsink to fit a single TO220 package.



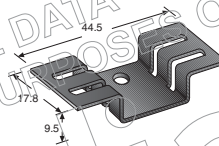
Th. Res.  
26.0°C/W

Manf. Part No.  
& **anglia**  
Order Code  
**6045B**

### 6070B/PB



Pre-drilled to accommodate a single TO220 package, the heatsinks feature a gull wing design, giving good thermal ratings with a low height. Choice of finish.



Th. Res. Finish  
16.7°C/W Black anodised  
16.7°C/W Black pre-anodised (bare edges)

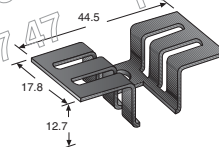
Manf. Part No.  
& **anglia**  
Order Code  
**6070B**  
**6070PB**

N.B. May be combined with 6071 below (device sandwiched between heatsinks) to improve thermal resistance to 11.5°C/W, without increasing land area.

### 6071B/PB



Pre-drilled to accommodate a single TO220 package, the heatsinks feature a gull wing design, giving superior thermal ratings with a low height. Choice of finish.



Th. Res. Finish  
15.0°C/W Black anodised  
15.0°C/W Black pre-anodised (bare edges)

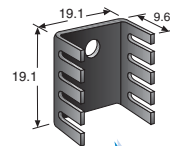
Manf. Part No.  
& **anglia**  
Order Code  
**6071B**  
**6071PB**

N.B. May be combined with 6070 above (device sandwiched between heatsinks) to improve thermal resistance to 11.5°C/W, without increasing land area.

### 6073B/PB



Low cost heatsink pre-drilled to accommodate a single TO220 package.



Th. Res.  
24.0°C/W

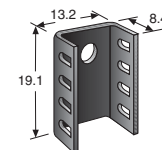
Manf. Part No.  
& **anglia**  
Order Code  
**6073B**

### 6084B/PB

**EXPANDED RANGE**



A compact heatsink pre-drilled to accommodate a single TO220 package. Choice of finish.



Th. Res. Finish  
22.5°C/W Black anodised  
22.5°C/W Black pre-anodised (bare edges)

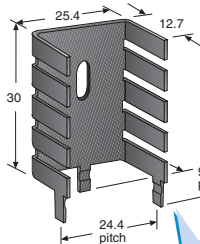
Manf. Part No.  
& **anglia**  
Order Code  
**6084B**  
**6084PB**

### 6030B/PB

**EXPANDED RANGE**



Vertical mounting heatsink with integral fixing tags and a slotted hole to accommodate a single TO220 package. Choice of finish.



Th. Res. Finish  
12.5°C/W Black anodised  
12.5°C/W Black pre-anodised (bare edges)

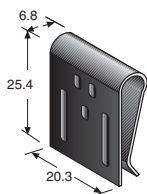
Manf. Part No.  
& **anglia**  
Order Code  
**6030B**  
**6030PB**

See page 423E for  
**Calinar**  
low cost alternative

### 6043PB



Clip-on heatsink to fit a single TO220 package. Black pre-anodised finish (bare edges).



Th. Res.  
23.0°C/W

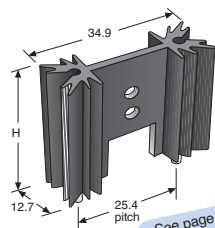
Manf. Part No.  
& **anglia**  
Order Code  
**6043PB**



## TO220 package *continued*

### 6098B, 6099B, 6100B

**EXPANDED RANGE**



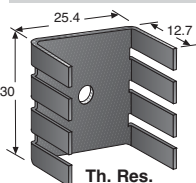
Compact, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Screw or clip mount. Choice of thermal resistance.

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

Manf. Part No. & anglia Order Code
6098B
6099B
6100B
CLP-204

See page 423C for **Calinar** low cost alternative

### 6106B/PB series

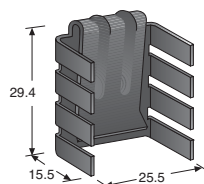


Pre-drilled heatsinks designed to accommodate a single TO220 package. Choice of finish and holes.

Th. Res.	Finish	Hole(s)
17.0°C/W	Black anodised	None
17.0°C/W	Black anodised	One (illus.)
17.0°C/W	Black anodised	Two
17.0°C/W	Black pre-anodised (bare edges)	None
17.0°C/W	Black pre-anodised (bare edges)	One
17.0°C/W	Black pre-anodised (bare edges)	Two

Manf. Part No. & anglia Order Code
6106B
6106B-14
6106B-13
6106PB
6106PB-14
6106PB-13

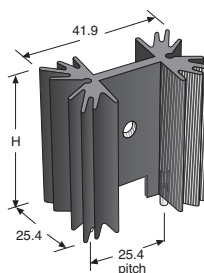
### 6238B



Clip-on heatsink to fit a single TO220 package.

Manf. Part No. & anglia Order Code
6238B
Th. Res.
13.6°C/W

### 6296B, 6298B, 6299B, 6300B



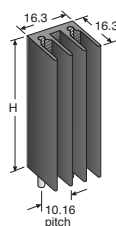
Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Option of mounting hole position and cut-out: Series B has hole 21.6mm above board level and a cut-out 6.35mm high x 10.9mm wide (as illustrated). Series B-2 has hole 18.3mm above board level and no cut-out. Choice of thermal resistance in both series.

	Th. Res.	Height (H)
Series B	4.7°C/W	25.4mm
	3.9°C/W	38.1mm
	3.6°C/W	50.8mm
	3.1°C/W	63.5mm
Series B-2	4.7°C/W	25.4mm
	3.9°C/W	38.1mm
	3.6°C/W	50.8mm
	3.1°C/W	63.5mm

Manf. Part No. & anglia Order Code
6296B
6298B
6299B
6300B
6296B-2
6298B-2
6299B-2
6300B-2

See page 423D for **Calinar** low cost alternative

### 6390B, 6391B, 6392B



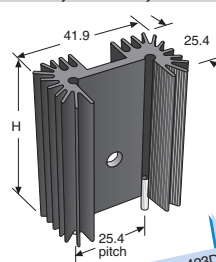
Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Choice of thermal resistance.

Th. Res.	Height (H)
16.7°C/W	25.4mm
12.9°C/W	38.1mm
10.4°C/W	50.8mm

Manf. Part No. & anglia Order Code
6390B
6391B
6392B

All dimensions in mm

### 6396B, 6398B, 6399B, 6400B



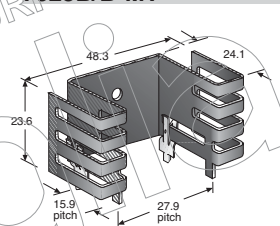
Compact, high power dissipation, vertical mounting extruded heatsinks with solderable fixing pins. Pre-drilled to accommodate a single TO220 package. Choice of thermal resistance.

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

Manf. Part No. & anglia Order Code
6396B
6398B
6399B
6400B

See page 423D for **Calinar** low cost alternative

### 7025B/B-MT

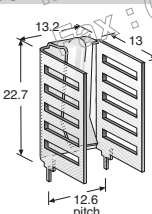


High power dissipation heatsinks, with integral fixing tags, pre-drilled to accommodate a single TO220 package. Available with or without additional solderable fixing tags at rear.

Th. Res.	Type
6.8°C/W	With rear fixing tags (illus.)
6.8°C/W	Without rear fixing tags

Manf. Part No. & anglia Order Code
7025B-MT
7025B

### 7136D

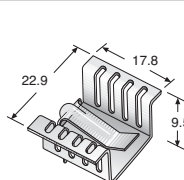


A compact, copper clip-on heatsink, with integral fixing tags, to fit a single TO220 package. Solderable finish.

Th. Res.
19.7°C/W

Manf. Part No. & anglia Order Code
7136D

### 7140D

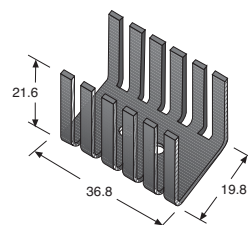


A compact, copper clip-on heatsink, with integral fixing tag underneath, to fit a single TO220 package. Gull wing design gives a good thermal rating with a low height. Solderable finish.

Th. Res.
20.8°C/W

Manf. Part No. & anglia Order Code
7140D

### 504222B

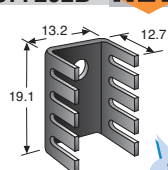


Pre-drilled to accommodate two TO220 packages, the heatsink features an excellent thermal rating. Supersedes 6272B heatsink which had closed end vaines.

Th. Res.
7.0°C/W

Manf. Part No. & anglia Order Code
504222B00000G

### 577202B **NEW**



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

Th. Res.
24.4°C/W

Manf. Part No. & anglia Order Code
577202B00000

See page 423E for **Calinar** low cost alternative