

Thermal Management Guide

For Semiconductors

Heatsinks

Extrusions

Fan & Heatsink

LED Cooling

Fluid Cooling

Thermal Grease

Thermal Materials

Mounting Hardware

anglia

www.anglia-live.com

Thermal Management Guide

GENERAL INFORMATION

Anglia stocks an extensive portfolio of thermal products helping to provide customers with a complete thermal solution, products include board level heatsinks, extrusions and thermal interface materials.

We are able to offer products with a wide range of thermal performances to suit many different types of standard semiconductor packages as well as products which have been designed for specific applications such as LED cooling, processor cooling and IGBT power modules.

How to use this Catalogue

Using our website data reference

Find more information on any part in our Thermal Management Guide by using our dedicated website data reference.

Go to www.anglia-live.com

Enter the 'website data ref' into our search field at the top of the home page.

Browse the range for more pricing, information and specifications.

For an up-to-date copy of this book, download the interactive PDF at www.anglia-live.com

SOT32 - TO126 - TO220



- Choice of
- With or V
- WT with
- NT With

Height

6.4mm
9.5mm
12.7mm
6.4mm

Website Data Reference

THM023



THM023

Search

How to Order

Website

www.anglia-live.com

Phone

+44 (0)1945 47 47 47

Office hours :

Monday - Friday 9.00 - 17.30 and Friday 9.00 - 17.00 GMT

Please contact our office or website to check stock availability and delivery, for no-obligation quotes and technical support, or to arrange an area sales engineer to discuss your requirements.

About Anglia

Anglia is the UK's leading independent authorised distributor of semiconductors, optoelectronics, interconnect, and passive and electromechanical components.

A signatory of the ADS SC21 programme, the company holds AS9120, ISO9001 & ISO14001 accreditations and IECQ-CECC qualification.



Table of Contents

A line up of some of the world's leading manufacturers in thermal management enables Anglia to offer quality products for any requirement. In addition to standard thermal products Anglia can offer custom heatsinks at competitive prices in both high and low volumes.



BERGQUIST

Calinar

CEL

fischer
elektronik

OHMITE

Panasonic

Board Level Heatsinks

SMD Cooling, DIL, Semiconductor Cooling

2 - 18

Board Level Extrusions

Semiconductor Cooling

19 - 26

LED Cooling

27 - 30

Processor Cooling

31 - 33

Extrusion Profiles

High Power Cooling

34 - 35

Fin with Axial Fan

Processor Cooling, High Power Cooling

36 - 37

Fluid Cooling

Power Modules

38

Thermal Interface Material

Thermal Compounds, Thermal Sheets & Pads, Phase Change, Graphite-PAD, Pyrolytic Graphite Sheet (PGS), Mounting Hardware

39 - 52

Part Number index

56

Heatsinks

Board Level Heatsinks

SMD Cooling

DPAK - TO252

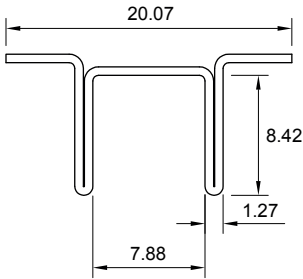


Website Data Reference
THM001

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Calinar
Loose	25	SMH008D
Taped & Reeled		SMH008DTR

Dimensions (mm)



DPAK - TO252

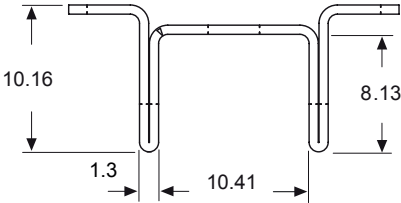


Website Data Reference
THM002

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Loose	25	573100D00000
Taped & Reeled		573100D00010

Dimensions (mm)



DPAK - TO252

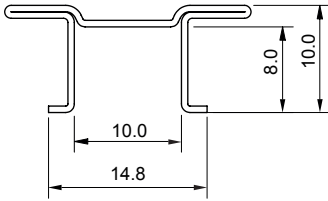


Website Data Reference
THM003

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Loose	25	FK-244-13-D-PAK
Taped & Reeled		FK-244-13-D-PAKTR

Dimensions (mm)



DPAK - TO252

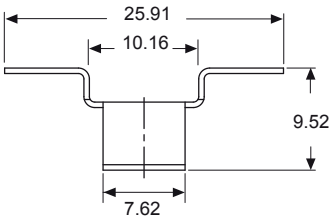


Website Data Reference
THM004

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Loose	15	7106D
Taped & Reeled		7106D/TR

Dimensions (mm)



Heatsinks

Board Level Heatsinks

SMD Cooling

DPAK - TO252 - D²PAK - TO263

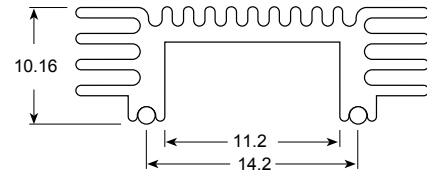


Website Data Reference
THM005

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Black anodised	5.8	DA-T263-201E
Clean finish		DV-T263-201E

Dimensions (mm)



D²PAK - TO263

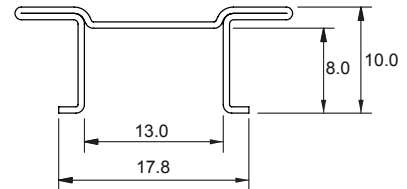


Website Data Reference
THM006

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Loose	29.3	FK-244-08-D2-PAK
Taped & Reeled		FK-244-08-D2PAKTR

Dimensions (mm)



D²PAK - TO263

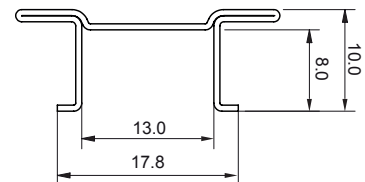


Website Data Reference
THM007

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Loose	22.8	FK-244-13-D2-PAK
Taped & Reeled		FK-244-13-D2PAKTR

Dimensions (mm)



D²PAK - TO263

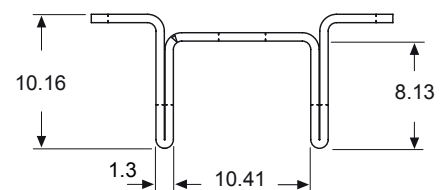


Website Data Reference
THM008

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
Loose	18	573300D00000	SMH013D
Taped & Reeled		573300D00010	SMH013DTR

Dimensions (mm)



Heatsinks

Board Level Heatsinks

SMD Cooling

D²PAK - TO263

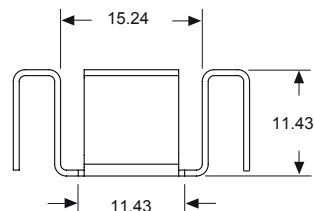


Website Data Reference
THM009

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Loose	11	7109DG
Taped & Reeled		7109D/TR

Dimensions (mm)



D²PAK - TO263

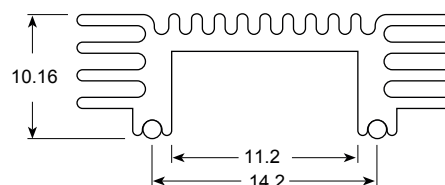


Website Data Reference
THM010

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Black anodised	5.8	DA-T263-101E
Clean finish		DV-T263-101E

Dimensions (mm)



D³PAK - TO268

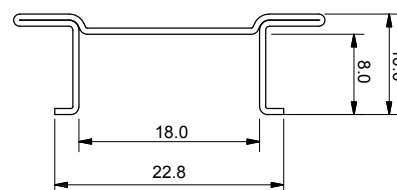


Website Data Reference
THM011

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Loose	26	FK-244-08-D3-PAK
Taped & Reeled		FK-244-08-D3PAKTR

Dimensions (mm)



D³PAK - TO268

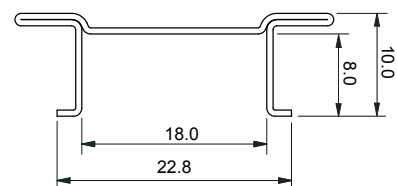


Website Data Reference
THM012

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Loose	19.5	FK-244-13-D3-PAK
Taped & Reeled		FK-244-13-D3PAKTR

Dimensions (mm)



SMD Cooling

D³PAK - TO268

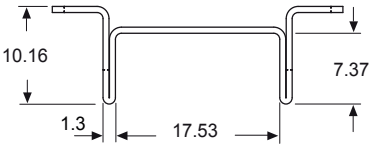


Website Data Reference
THM013

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Loose	14	573400D00000
Taped & Reeled		573400D00010

Dimensions (mm)



D³PAK - TO268

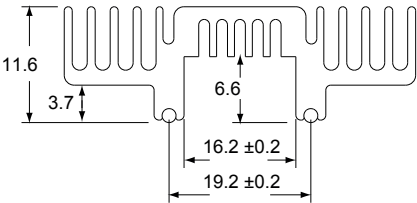


Website Data Reference
THM14

- Solder directly to the PCB

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Black anodised	5.3	DA-T263-301E
Clean finish		DV-T263-301E

Dimensions (mm)

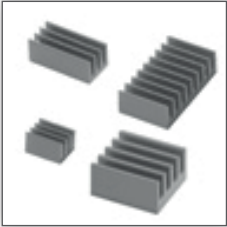


Heatsinks

Board Level Heatsinks

DIL, IC Cooling

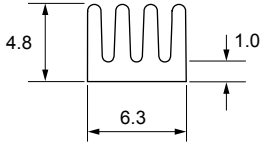
DIL - IC



- Attached using thermal adhesive or adhesive pads
- Choice of lengths
- Other profile sizes available to order

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
5mm	123	ICK-SMD-A-5-SA
8mm	87	ICK-SMD-A-8-SA
10mm	75	ICK-SMD-A-10-SA
13mm	63	ICK-SMD-A-13-SA
17mm	51	ICK-SMD-A-17-SA
22mm	34	ICK-SMD-A-22-SA

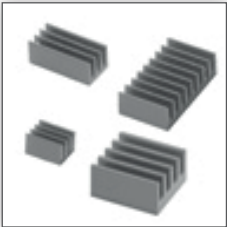
Dimensions (mm)



Website Data Reference

THM015

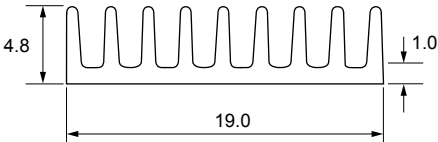
DIL - IC



- Attached using thermal adhesive or adhesive pads
- Choice of lengths
- Other profile sizes available to order

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
5mm	56	ICK-SMD-B-5-SA
7mm	47	ICK-SMD-B-7-SA
10mm	35	ICK-SMD-B-10-SA
13mm	29	ICK-SMD-B-13-SA
19mm	22	ICK-SMD-B-19-SA

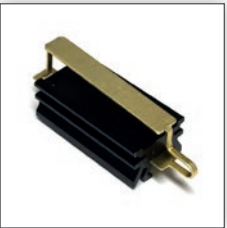
Dimensions (mm)



Website Data Reference

THM016

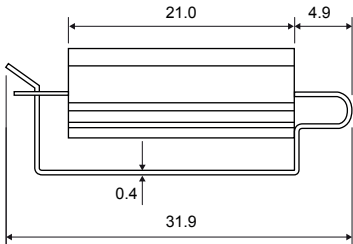
DIL - IC



- Integrated clip

Length	Thermal Resistance (°C/W)	Part Numbers
		Aavid
21mm	24.6	DIP1490

Dimensions (mm)



Website Data Reference

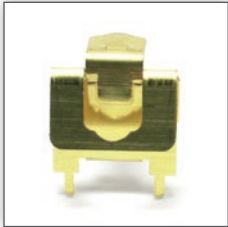
THM017

Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO92

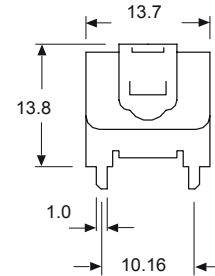


Website Data Reference
THM018

- Clip on with fixing tags

Thermal Resistance (°C/W)	Part Number
	Aavid
36.1	92F

Dimensions (mm)



TO39 - TO5

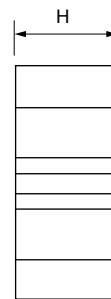


Website Data Reference
THM019

- Push on package
- Choice of thermal performance

Height	Thermal Resistance (°C/W)	Part Numbers
		Aavid
6.3mm	62.2	5F-2
12.7mm	45.2	5F
25.4mm	30.7	5F-6

Dimensions (mm)



TO202

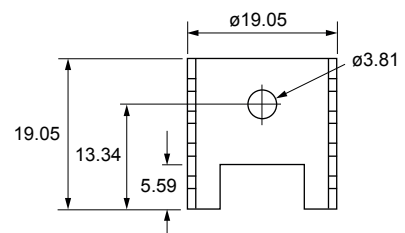


Website Data Reference
THM020

- Compact design
- Screw mount

Thermal Resistance (°C/W)	Part Number
	Aavid
21	6273B

Dimensions (mm)



PSIP

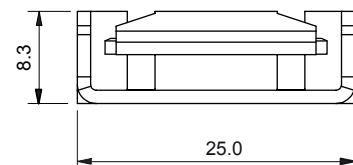


Website Data Reference
THM021

- Choice of black anodised or solderable surface

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Solderable	18	FK-224-MI-P-SIP
Black anodised		FK-224-SA-P-SIP

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

SOT32 - TO126

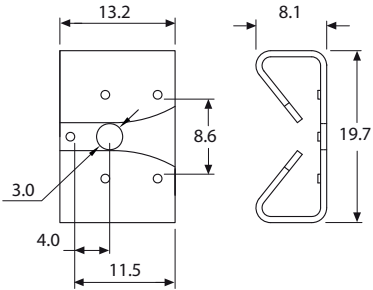


Website Data Reference
THM022

- Clip on with a choice of tags or no tags

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
With tags	35.8	PF732
Without tags		PF730

Dimensions (mm)



SOT32 - TO126 - TO220

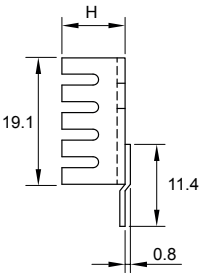


Website Data Reference
THM023

- Choice of thermal performance
- With or without solderable fixing tag
- WT with fixing tag
- NT Without fixing tag

Fin Height	Thermal Resistance (°C/W)	Part Numbers
		Calinar
6.4mm	30.2	SVA006WT
9.5mm	27.7	SVA010WT
12.7mm	24.4	SVA013WT
6.4mm	30.2	SVA006NT
9.5mm	27.7	SVA010NT
12.7mm	24.4	SVA013NT

Dimensions (mm)



SOT32 - TO126 - TO220

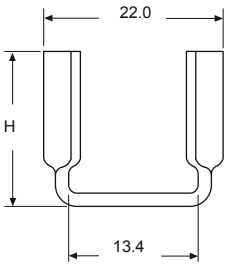


Website Data Reference
THM024

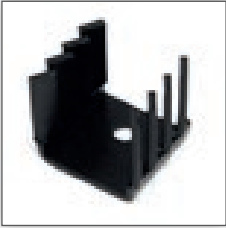
- Screw mount
- Choice of thermal performance

Fin Height	Thermal Resistance (°C/W)	Part Numbers
		Aavid
11mm	29.9	TV102
13mm	27.1	TV46
19mm	21.6	TV4

Dimensions (mm)



SOT32 - TO126 - TO220

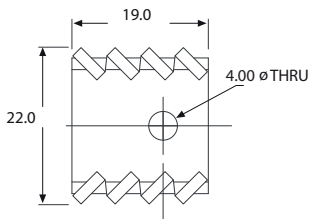


Website Data Reference
THM025

- Screw mount
- Choice of thermal performance

Fin Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
11mm	29.9	TV58	SVR011TV
19mm	21.6	TV5	SVR019TV

Dimensions (mm)

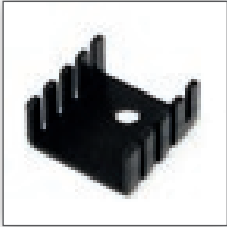


Heatsinks

Board Level Heatsinks

Semiconductor Cooling

SOT32 - TO126 - TO220

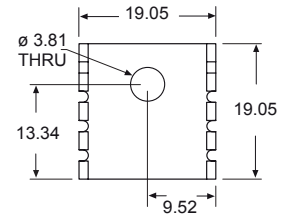


- Compact design
- Screw mount

Thermal Resistance (°C/W)	Part Numbers	
	Aavid	Calinar
24	6073B	SVT010MH

Website Data Reference
THM026

Dimensions (mm)



SOT32 - TO126 - TO220

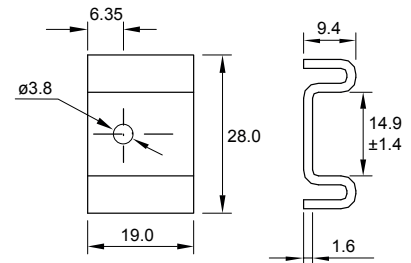


- Vertical or horizontal mounting

Thermal Resistance (°C/W)	Part Numbers
	Aavid
21.2	220SA

Website Data Reference
THM027

Dimensions (mm)



SOT32 - TO126 - TO220

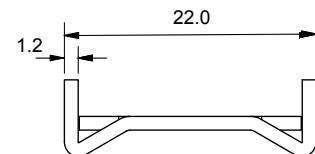


- Screw mount

Thermal Resistance (°C/W)	Part Numbers
	Fischer
21	FK-218-32-SA

Website Data Reference
THM028

Dimensions (mm)



SOT32 - TO126 - TO220

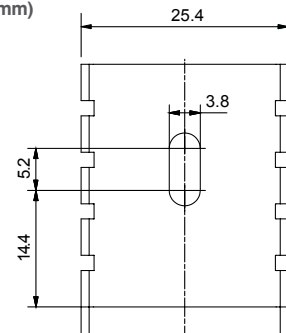


- Screw mount

Thermal Resistance (°C/W)	Part Numbers
	Fischer
20	FK-222-MI

Website Data Reference
THM029

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

SOT32 - TO216 - TO220



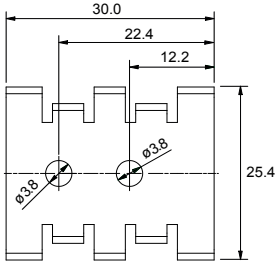
- Screw mount
- Choice of thermal performance

Fin Height	Thermal Resistance (°C/W)	Part Numbers
		Fischer
8mm	18	FK-210-SA-CB
13mm	15	FK-214-SA-CB

Website Data Reference

THM030

Dimensions (mm)



SOT32 - TO216 - TO220



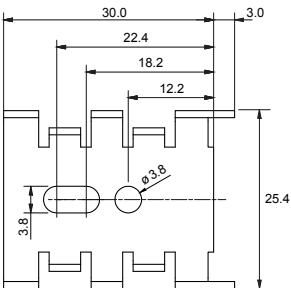
- Screw mount
- Choice of thermal performance
- Fixing tags

Fin Height	Thermal Resistance (°C/W)	Part Numbers
		Fischer
8mm	18	FK-212-CB-SA
13mm	15	FK-216-CB-SA

Website Data Reference

THM031

Dimensions (mm)



SOT32 - TO126 - TO220



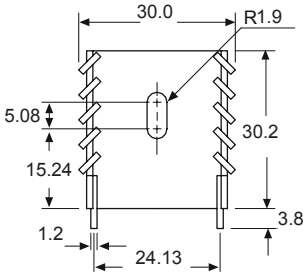
- Suitable for multiple package types

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
With tags	17	TV1505	SVB030WT
Without tags	14.2	TV1500	-

Website Data Reference

THM032

Dimensions (mm)



SOT32 - TO126 - TO220



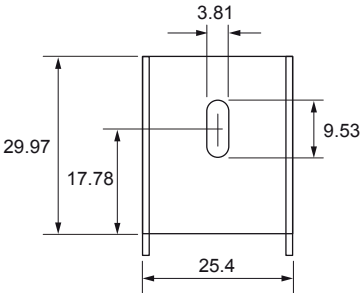
- Suitable for multiple package types

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
With tags	13.6	6230B

Website Data Reference

THM033

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

SOT32 - TO126 - TO220

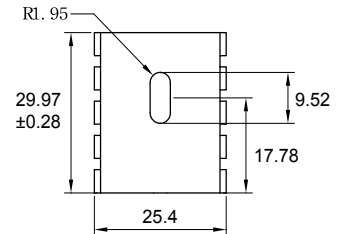


Website Data Reference
THM034

- Suitable for multiple package types

Description	Thermal Resistance (°C/W)	Part Numbers
		Calinar
With tags	13	SVP030NT
Without tags	12.5	SVP030WT

Dimensions (mm)



TO220

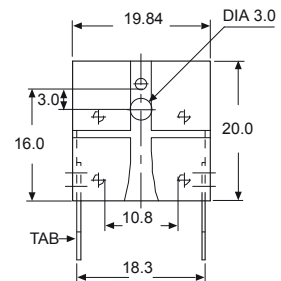


Website Data Reference
THM035

- Clip on
- Choice of tags or without tags

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
With tags	28.9	–	FCH020WT
Without tags		PF720	FCH020NT

Dimensions (mm)



TO220

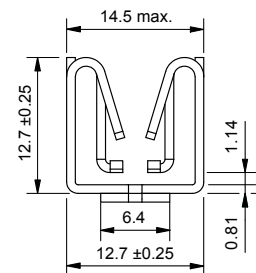


Website Data Reference
THM036

- Clip on
- Choice of solder tag position

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Straight central fixing tag	26	FK-242-SA-220-V
Without fixing tag		FK-242-SA-220-O
R/A central fixing tag		FK-242-SA-220-H

Dimensions (mm)



TO220

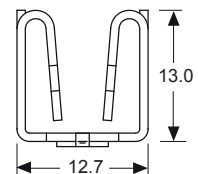


Website Data Reference
THM037

- Clip on
- Mounting hole
- Choice of solder tag position

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Straight central fixing tag	25.3	PF432
Without fixing tag		PF433
R/A central fixing tag		PF434
R/A edge fixing tag		PF436

Dimensions (mm)

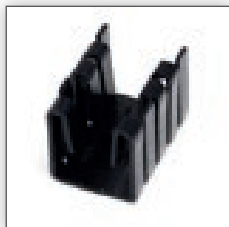


Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220

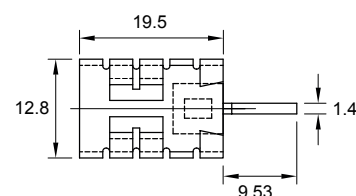


Website Data Reference
THM038

- Clip on
- Choice of solder tag position

Description	Thermal Resistance (°C/W)	Part Numbers
		Calinar
Long straight central fixing tag	25.3	FCL019CL
Short straight central fixing tag		FCL019CS
Without fixing tag		FCL019NT
R/A central fixing tag		FCL019RA

Dimensions (mm)



TO220

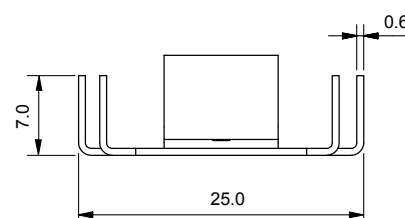


Website Data Reference
THM039

- Clip on

Thermal Resistance (°C/W)	Part Number
	Fischer
25	FK-220-SA-220

Dimensions (mm)



TO220

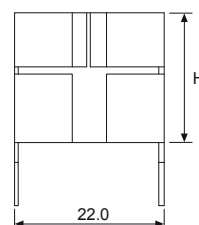


Website Data Reference
THM040

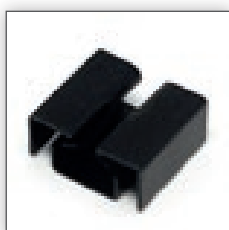
- Clip on with a choice of tags or without tags
- Choice of anodised or tin finish

Description	Height	Thermal Resistance (°C/W)	Part Numbers	
			Aavid	Calinar
Black anodised without tag	19	23.7	PF752	SFV019NA
Black anodised with tag	19	20.6	PF751	–
Solderable	19	20.3	PF750	SFV019WB
Solderable	24	17.3	PF758	–

Dimensions (mm)



TO220

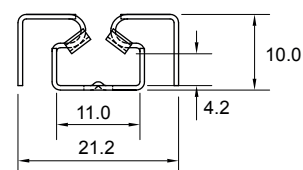


Website Data Reference
THM041

- Clip on with a choice vertical or horizontal mounting without tags and vertical with tags

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
Clip on	23.1	PF745	FCH019HT
Clip on with solder tags	21.6	574602B03700G	–

Dimensions (mm)

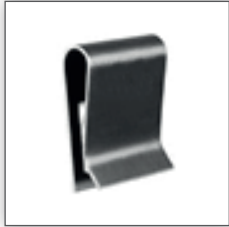


Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220

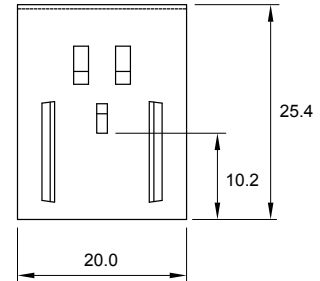


Website Data Reference
THM042

- Clip on

Thermal Resistance (°C/W)	Part Numbers	
	Aavid	Calinar
23	6043B	SVS025BA

Dimensions (mm)



TO220

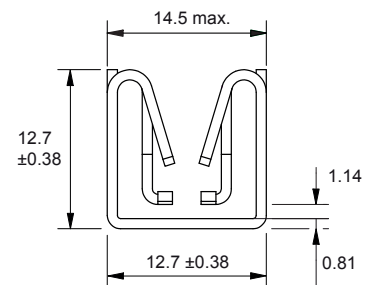


Website Data Reference
THM043

- Clip on
- Choice of solder tag position

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Straight central fixing tag	21	FK-237-SA-220-V
Without fixing tag		FK-237-SA-220-O
R/A central fixing tag		FK-237-SA-220-H

Dimensions (mm)



TO220

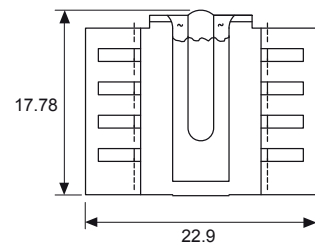


Website Data Reference
THM044

- Clip on

Thermal Resistance (°C/W)	Part Number
	Aavid
20.8	7140D

Dimensions (mm)



TO220

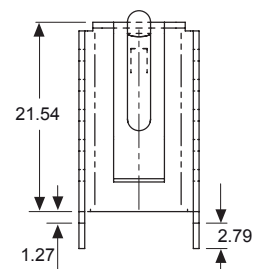


Website Data Reference
THM045

- Clip on and solderable

Thermal Resistance (°C/W)	Part Number
	Aavid
19.7	7136D

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220



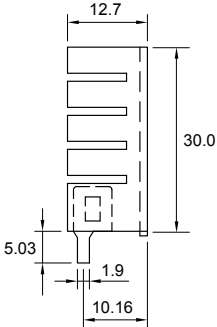
Website Data Reference

THM046

- Screw mount
- Solderable tags

Thermal Resistance (°C/W)	Part Number
17	SVT030TL

Dimensions (mm)



TO220



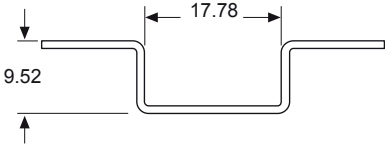
Website Data Reference

THM047

- Screw mount

Thermal Resistance (°C/W)	Part Number
16.7	6070B

Dimensions (mm)



TO220



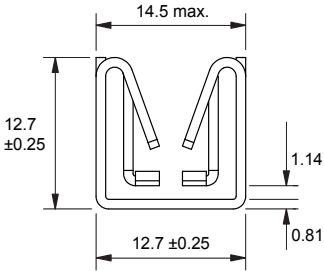
Website Data Reference

THM048

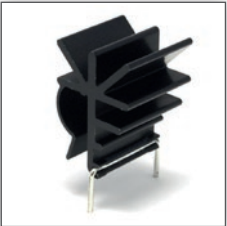
- Clip on
- Choice of solder tag position

Description	Thermal Resistance (°C/W)	Part Numbers
Straight central fixing tag	16	FK-240-SA-220-V
Without fixing tag		FK-240-SA-220-O
R/A central fixing tag		FK-240-SA-220-H

Dimensions (mm)



TO220



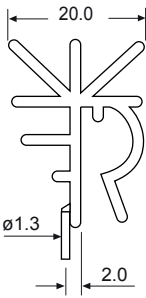
Website Data Reference

THM049

- Clip on and solderable fixing pins

Length	Thermal Resistance (°C/W)	Part Numbers
21mm	13.1	HF20
36mm	11.1	HF35

Dimensions (mm)

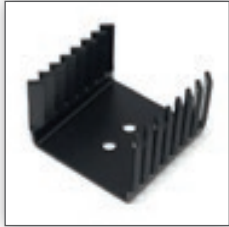


Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220 x 2

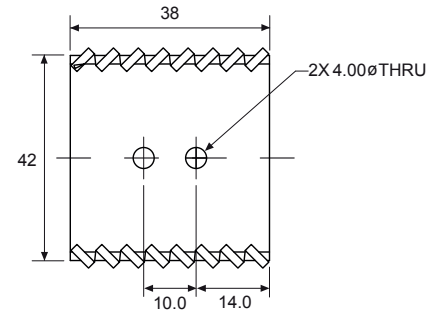


Website Data Reference
THM050

- Screw mount
- Choice of thermal performance
- TO220 x 2 packages can be mounted

Fin Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
13mm	9	TV100	SVC013TV
19mm	7.7	TV101	SVC019TV
25mm	7.2	TV35	SVC025TV
30mm	6.8	–	SVC030TV

Dimensions (mm)



TO220 - TO218

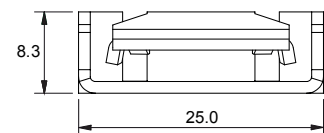


Website Data Reference
THM051

- Choice of black anodised or solderable surface

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Solderable	18	FK-224-MI-220-1
Black anodised		FK-224-SA-220-1

Dimensions (mm)



TO220 - TO218 - TO247

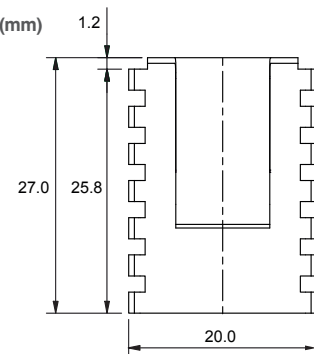


Website Data Reference
THM052

- Multiple package types
- Choice of mounting direction

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Clip on without solder tags	20.2	FK-245-MI-247-O
Solder tag for horizontal mount	20.5	FK-245-MI-247-H
Solder tag for vertical mount	19.7	FK-245-MI-247-V

Dimensions (mm)



TO220 - TO218 - TO247

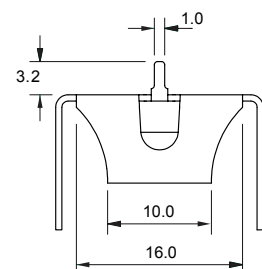


Website Data Reference
THM053

- Multiple package types
- Choice of mounting direction

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
Clip on without solder tags	18.4	FK-243-MI-247-O
Solder tag for horizontal mount	19	FK-243-MI-247-H
Without solder tag for vertical mount	18.4	FK-243-MI-247-V

Dimensions (mm)

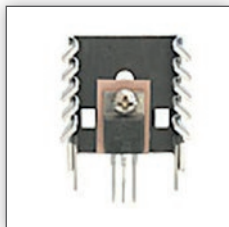


Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220 - TO218 - TO247

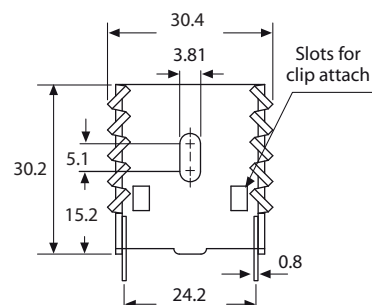


Website Data Reference
THM054

- Clip or screw mount
- Solderable tags

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
Use clip 7701 only for TO220 mounting. TO218 & TO247 Screw mount	17	5900PB

Dimensions (mm)



TO220 - TO218 - TO247

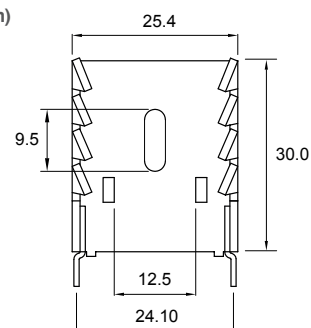


Website Data Reference
THM055

- Clip or screw mount
- Solderable tags

Description	Thermal Resistance (°C/W)	Part Number
		Calinar
Use clip CLIP-03 only for TO220 mounting. TO218 & TO247 Screw mount	17	SVT030AC

Dimensions (mm)



TO220 - TO218 - TO247

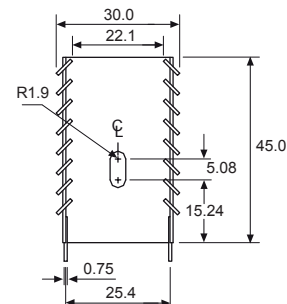


Website Data Reference
THM056

- Screw mount
- Fixing tags or solderable

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Fixing tags	13.5	TV65
Solderable tags	13	TV265

Dimensions (mm)



TO220 - TO218 - TO247

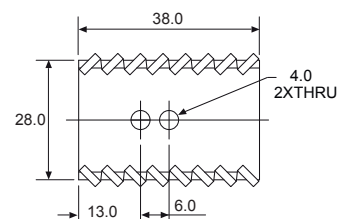


Website Data Reference
THM057

- Screw mount

Thermal Resistance (°C/W)	Part Number
	Aavid
9.9	TV40G

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO220 - TO218 - TO247

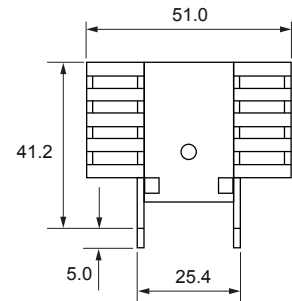


Website Data Reference
THM058

- Choice of screw or clip mount

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
Screw mount, black anodised	8.7	PF187	SFV041ST
Screw mount, solderable		PF185	–
Clip mount, solderable		PF184	–
Clip		7701	CLIP-02

Dimensions (mm)



TO220 - TO218 - TO247

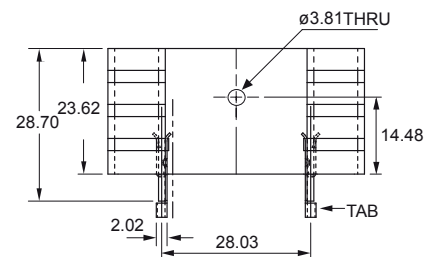


Website Data Reference
THM059

- Excellent thermal performance
- Multiple package types

Description	Thermal Resistance (°C/W)	Part Numbers
		Aavid
Rear fixing tags	6.8	7025B
Without rear fixing tags		7025B-MT

Dimensions (mm)



Heatsinks

Board Level Heatsinks

Semiconductor Cooling

TO3

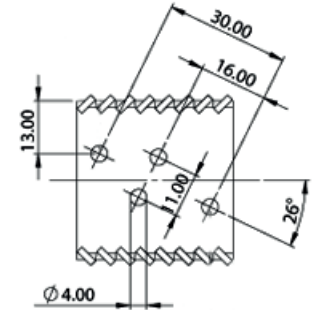


- Pre-drilled to accommodate a TO3 package

Thermal Resistance (°C/W)	Part Number
7.2	Aavid
	TV3

Website Data Reference
THM060

Dimensions (mm)



TO3

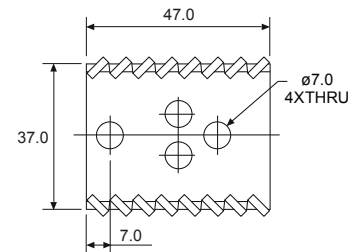


- Pre-drilled to accommodate a TO3 package

Thermal Resistance (°C/W)	Part Number
4.3	Aavid
	TV66

Website Data Reference
THM061

Dimensions (mm)



Custom Extrusion Profiles

Calinar offers competitive pricing on tooling, giving the customer far more freedom.

Designers no longer have to be held back by a limited heatsink choice when laying out a PCB. Bespoke custom designs make Calinar a one-stop tooling solution.

Custom capabilities include:

- Anodised colours or bare finish
- Precision Machining & Cutting
- Custom drilling patterns
- Tapping
- Milling
- Custom length & shapes
- Surface finishing

For more information
visit www.anglia-live.com

 **Calinar**

Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO202 - TO220

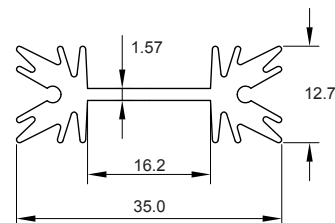


Website Data Reference
THM062

- Choice of thermal performance
- Clip or screw mount
- Solderable

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
25mm	14	6098B	EAC025HC
38mm	11	6099B	EAC038HC
50mm	9	6100B	EAC050HC
63mm	7.8	–	EAC063HC
Retaining Clip		CLP-204	CLIP-06

Dimensions (mm)



TO202 - TO220

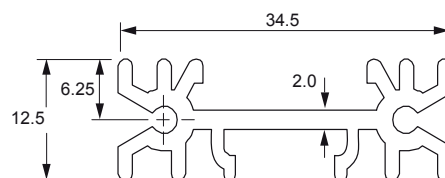


Website Data Reference
THM063

- Choice of thermal performance
- Screw mount
- Solderable

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
25mm	11.4	SW25-6	EAB025HC
38mm	10.2	SW38-6	EAB038HC
50mm	8.8	SW50-6	EAB050HC
63mm	7	SW63-6	EAB063HC

Dimensions (mm)



SOT32 - TO126 - TO220

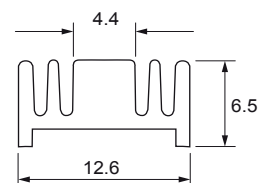


Website Data Reference
THM064

- M3 mounting hole

Thermal Resistance (°C/W)	Part Number
	Fischer
36	SK-95-25-TO-220

Dimensions (mm)



TO220

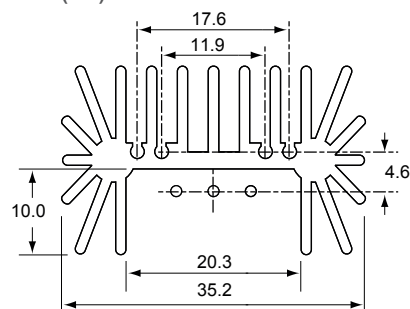


Website Data Reference
THM065

- Clip mount

Description	Thermal Resistance (°C/W)	Part Number
		Ohmite
Clean finish	9.8	R2V-CT2-38E

Dimensions (mm)



Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO220

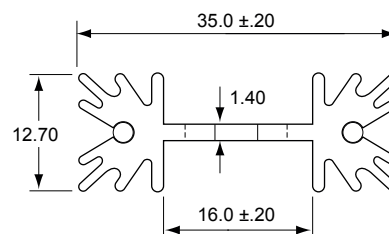


- Screw mount
- Choice of finish

Height	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
38mm Black anodised	11.4	EA-T220-38E
51mm Black anodised	9	EA-T220-51E
64mm Black anodised	7.4	EA-T220-64E
38mm Clean finish	9.5	EV-T220-38E
51mm Clean finish	7.5	EV-T220-51E
64mm Clean finish	6.2	EV-T220-64E

Website Data Reference
THM066

Dimensions (mm)



TO220

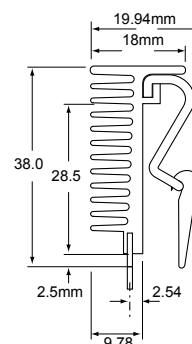


- Integrated clip
- Choice of finish

Height	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
25mm Black anodised	11	C220-025-1AE
50mm Black anodised	9.5	C220-050-2AE
75mm Black anodised	6.5	C220-075-3AE
25mm Clean finish	11.5	C220-025-1VE
50mm Clean finish	10	C220-050-2VE
75mm Clean finish	7	C220-075-3VE

Website Data Reference
THM067

Dimensions (mm)



TO220

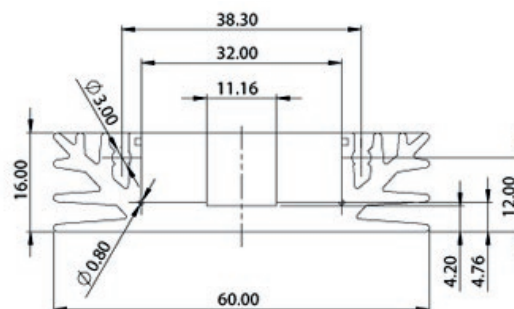


- Screw mount
- Mounted vertical (8.8°C/W) or horizontal (6.8°C/W)
- Central groove prevents device rotation

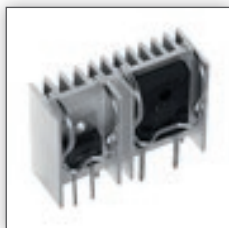
Thermal Resistance (°C/W)	Part Number
	Aavid
8.8, 6.8	1.25GY-50

Website Data Reference
THM068

Dimensions (mm)



TO220 & TO247 (Dual)

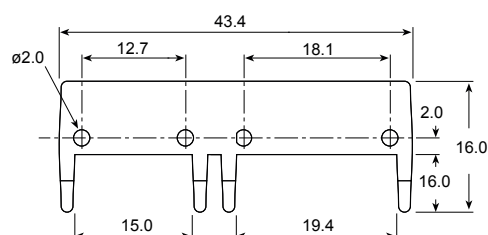


- Dual package to accommodate both a TO220 & TO247 device
- Integrated clip
- Choice of finish

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Black anodised	7	WA-DT2-101E
Clean finish	8	WV-DT2-101E

Website Data Reference
THM069

Dimensions (mm)



Semiconductor Cooling

TO220 - TO218 - TO247

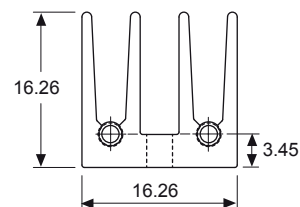


- Compact design
- Screw mount

Thermal Resistance (°C/W)	Part Number
	Aavid
17.4	581002B02500

Website Data Reference
THM070

Dimensions (mm)



TO220 - TO218 - TO247

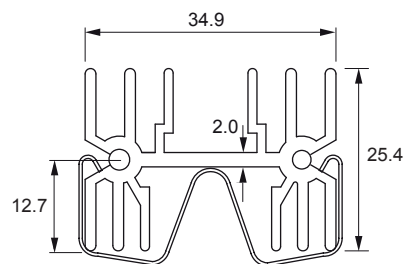


- Choice of mounting with screw or clip
- Excellent thermal performance

Description	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
		Clip Mount	
38mm	7.3	BW38-2	EAD038NN
50mm	5.9	BW50-2	EAD050NN
63mm	4.7	BW63-2	EAD063NN
Retaining Clip		6801	CLIP-04
		Mounting Hole	
38mm	7.3	BW38-4	EAD038TH
50mm	5.9	BW50-4	EAD050TH
63mm	4.7	BW63-4	EAD063TH

Website Data Reference
THM071

Dimensions (mm)



TO220 - TO218 - TO247

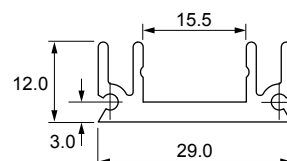


- Choice of thermal performance
- Screw mount
- Solderable

Thermal Resistance (°C/W)	Part Numbers
	Aavid
13.5	SK-145-25-ST5-TO-
12	SK-145-37.5-ST5-T

Website Data Reference
THM072

Dimensions (mm)



Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO220 - TO218 - TO247

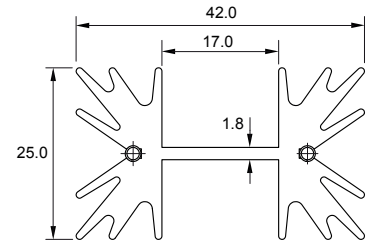


Website Data Reference
THM073

- Screw mount
- Excellent thermal performance
- Multiple package types

Height	Thermal Resistance (°C/W)	Part Numbers		
		Calinar	Fischer	Ohmite
25mm	4.7	EAV025HC	SK-129-25.4-ST5	FA-T220-25E
31mm	4.3	EAV031HC	–	–
38mm	3.9	EAV038HC	SK-129-38.1-ST5	FA-T220-38E
50mm	3.6	EAV050HC	SK-129-50.8-ST5	FA-T220-51E
63mm	3.1	EAV063HC	–	FA-T220-64E

Dimensions (mm)



TO220 - TO218 - TO247

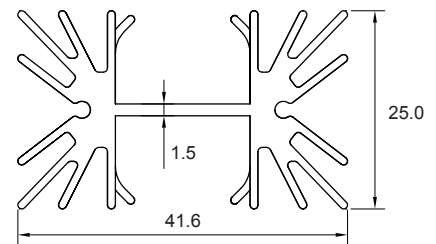


Website Data Reference
THM074

- Clip mount
- Excellent thermal performance
- Multiple package types

Height	Thermal Resistance (°C/W)	Part Numbers
		Calinar
25mm	4.7	EAV025CL
31mm	4.3	EAV031CL
38mm	3.9	EAV038CL
50mm	3.6	EAV050CL
63mm	3.1	EAV063CL
Retaining clip		CLIP-05

Dimensions (mm)



TO220 - TO218 - TO247

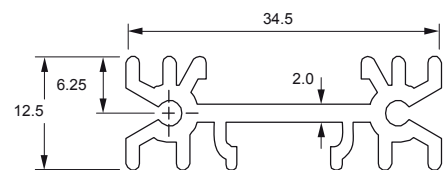


Website Data Reference
THM075

- Clip mount
- Choice of thermal performance

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
19mm	12	SW19-2	EAB019NN
25mm	11.4	SW25-2	EAB025NN
38mm	10.2	SW38-2	EAB038NN
50mm	8.8	SW50-2	EAB050NN
63mm	7	SW63-2	EAB063NN
Retaining clip		5901	CLIP-01

Dimensions (mm)



TO220 - TO218 - TO247

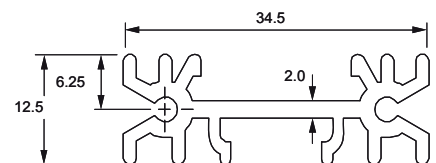


Website Data Reference
THM076

- Screw or Clip mount
- Choice of thermal performance

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
25mm	11.4	SW25-4	EAB025FH
38mm	10.2	SW38-4	EAB038FH
50mm	8.8	SW50-4	EAB050FH
63mm	7	SW63-4	EAB063FH
Retaining clip		5901	CLIP-01

Dimensions (mm)



Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO220 - TO218 - TO247

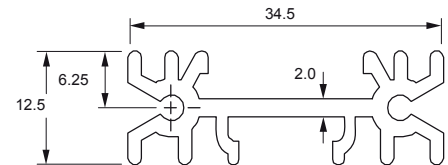


Website Data Reference
THM077

- Screw or clip mount
- Choice of thermal performance

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
25mm	11.4	SW25-3	EAB025TH
38mm	10.2	SW38-3	EAB038TH
Retaining clip		5901	CLIP-01

Dimensions (mm)



TO220 - TO218 - TO247

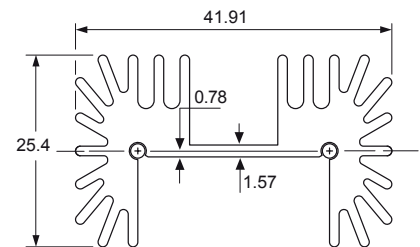


Website Data Reference
THM078

- Screw mount
- Excellent thermal performance

Height	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
25mm	5.6	6396B	EAN025BH
38mm	4.4	6398B	EAN038BH
50mm	3.3	6399B	EAN050BH
63.5mm	2.7	6400BG	EAN063BH

Dimensions (mm)



TO220 - TO218 - TO247 - TO3P

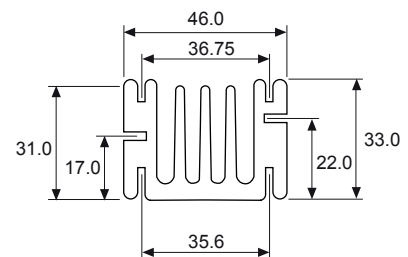


Website Data Reference
THM079

- Screw mount
- Multiple packages

Length	Thermal Resistance (°C/W)	Part Numbers
		Aavid
50mm	4.1	KD50-1
100mm	2.9	KD100-1
150mm	2.2	KD150-1

Dimensions (mm)



TO220 - TO218 - TO247 - TO3P

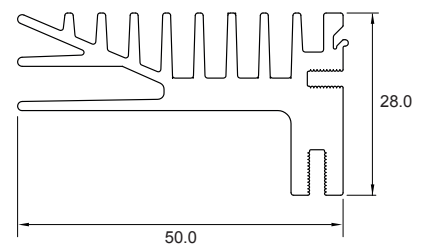


Website Data Reference
THM080

- Clip or screw mount
- Threaded screw rail
- Multiple packages

Length	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
50mm	5.2	KL50-1	EXK050L
75mm	4.3	KL75-1	EXK075L
100mm	3.4	KL100-1	EXK100L
150mm	2.9	KL150-1	EXK150L
Retaining clip TO220 & TO218		4525	CLIP-07
Retaining clip TO247 & TO3P		4597	CLIP-09

Dimensions (mm)

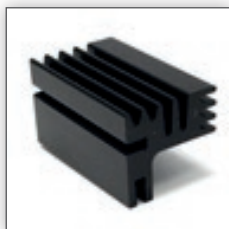


Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO220 - TO218 - TO247 - TO3P

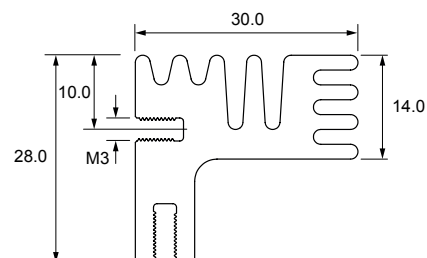


- Screw mount
- Threaded screw rail
- Multiple packages

Description	Thermal Resistance (°C/W)	Part Numbers	
		Fischer	
Black anodised	8.1	SK-125-50-SA	
	5.8	SK-125-84-SA	
	5.7	SK-125-94-SA	
	–	SK-125-1000-SA	

Website Data Reference
THM081

Dimensions (mm)



TO220 - TO218 - TO247 - TO3P

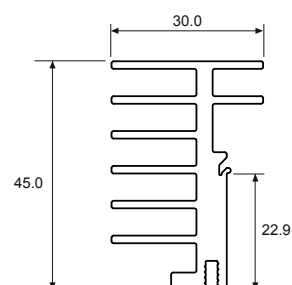


- Clip mount
- Multiple packages

Length	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
50mm	4.8	KM50-1	EXK050M
75mm	3.7	KM75-1	EXK075M
100mm	3.3	KM100-1	EXK100M
150mm	2.7	KM150-1	EXK150M
Retaining clip TO220 & TO218		4525	CLIP-07
Retaining clip TO247 & TO3P		4597	CLIP-09

Website Data Reference
THM082

Dimensions (mm)



TO220 - TO218 - TO247 - TO3P

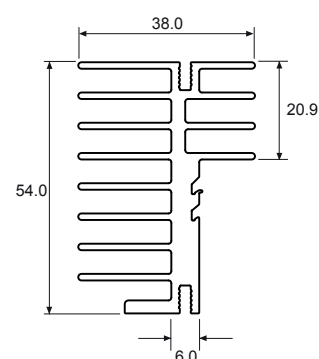


- Clip mount
- Multiple packages

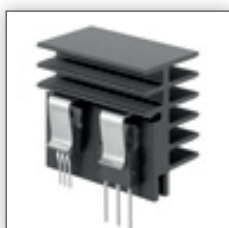
Length	Thermal Resistance (°C/W)	Part Numbers	
		Aavid	Calinar
75mm	2.3	KR75-1	EXK075R
100mm	2.2	KR100-1	EXK100R
150mm	1.9	KR150-1	EXK150R
Retaining clip TO220 & TO218		4525	CLIP-07
Retaining clip TO247 & TO3P		4597	CLIP-09

Website Data Reference
THM083

Dimensions (mm)



TO220 - TO218 - TO247 - TO3P

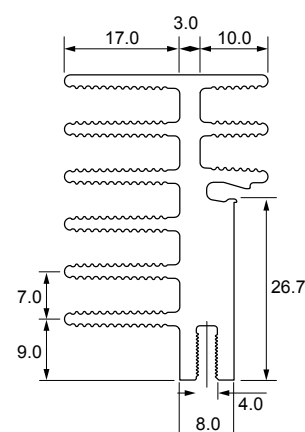


- Clip mount
- Clean finish
- Anodised available

Length	Thermal Resistance (°C/W)	Part Numbers	
		Fischer	
25mm	5.6	SK-481-25-AL	
30mm	5.2	SK-481-30-AL	
37.5mm	5	SK-481-37.5-AL	
50mm	4.25	SK-481-50-AL	
75mm	3.3	SK-481-75-AL	
100mm	2.8	SK-481-100-AL	
1000mm	-	SK-481-1000-AL	
Retaining Clip		THFU-1	

Website Data Reference
THM084

Dimensions (mm)



Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO247

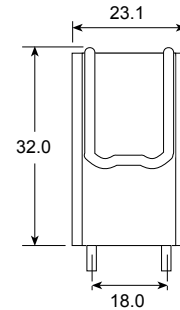


- Integrated clip
- Choice of finish

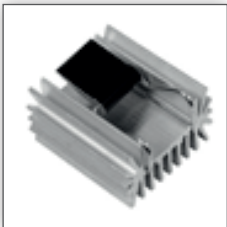
Website Data Reference
THM085

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Clean finish	12	WV-T247-101E
Black anodised	11	WA-T247-101E

Dimensions (mm)



TO247

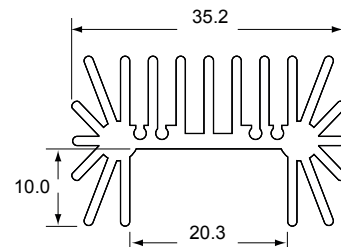


- Integrated clip

Website Data Reference
THM086

Description	Thermal Resistance (°C/W)	Part Number
		Ohmite
Clean finish	9.8	R2V-CT4-38E

Dimensions (mm)



TO247

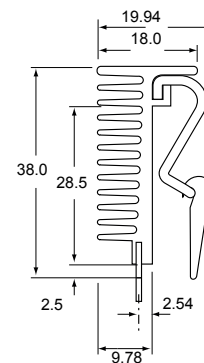


- Integrated clip
- Choice of finish

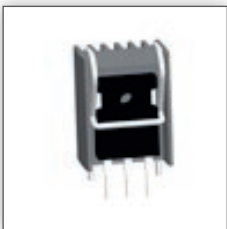
Website Data Reference
THM087

Height	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
25mm Black anodised	11	C247-025-1AE
50mm Black anodised	9.5	C247-050-2AE
75mm Black anodised	6.5	C247-075-3AE
25mm Clean finish	11.5	C247-025-1VE
50mm Clean finish	10	C247-050-2VE
75mm Clean finish	7	C247-075-3VE

Dimensions (mm)



TO264

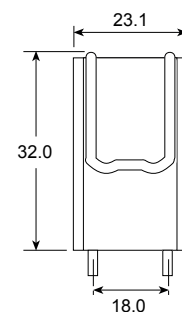


- Integrated clip
- Choice of finish

Website Data Reference
THM088

Description	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
Clean finish	12	WV-T264-101E
Black anodised	11	WA-T264-101E

Dimensions (mm)

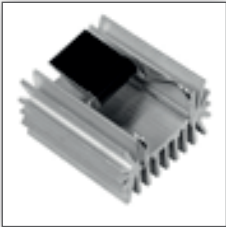


Heatsinks

Board Level Extrusions

Semiconductor Cooling

TO264

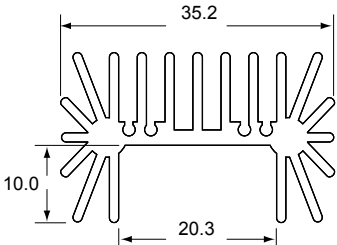


Website Data Reference
THM089

- Integrated clip

Description	Thermal Resistance (°C/W)	Part Number
		Ohmite
Clean finish	9.8	R2V-CT6-38E

Dimensions (mm)



TO264

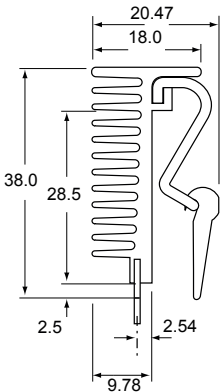


Website Data Reference
THM090

- Integrated clip
- Choice of finish

Height	Thermal Resistance (°C/W)	Part Numbers
		Ohmite
30mm Black anodised	10.5	C264-030-1AE
58mm Black anodised	9.5	C264-058-2AE
85mm Black anodised	6.0	C264-085-3AE
30mm Clean finish	11.0	C264-030-1VE
58mm Clean finish	10.0	C264-058-2VE
85mm Clean finish	6.5	C264-085-3VE

Dimensions (mm)



TO3

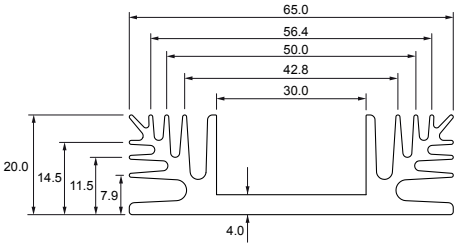


Website Data Reference
THM091

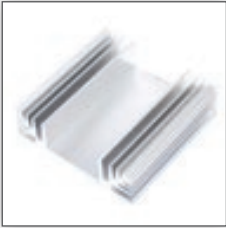
- Pre-drilled to accommodate a TO3 package

Description	Thermal Resistance (°C/W)	Part Numbers	
		Calinar	Fischer
Black anodised	2.8	EAG050YB	SK-48-50-SA-3

Dimensions (mm)



User defined

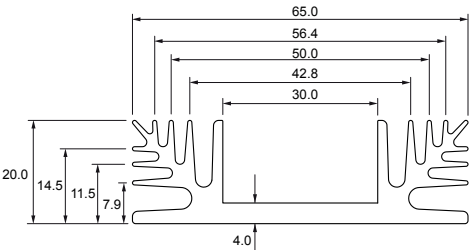


Website Data Reference
THM092

- Clean finish

Width	Part Number
	Fischer
64mm	SK-48-65-AL

Dimensions (mm)



LED Cooling

LED

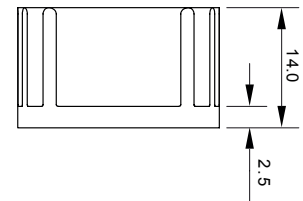


Website Data Reference
THM093

- Compact
- Black anodised

Dimensions (mm)

Height	Diameter	Thermal Resistance (°C/W)	Part Numbers
			Fischer
14mm	ø23.5mm	18.5	ICKLEDR23.5X14
	ø32mm	15.2	ICK-LED-R-32-X-14



LED

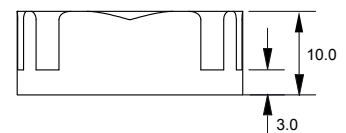


Website Data Reference
THM094

- Compact
- Black anodised

Dimensions (mm)

Height	Diameter	Thermal Resistance (°C/W)	Part Numbers
			Fischer
10mm	ø27mm	17.7	ICK-LED-R-27-X-10
	ø33mm	17.6	ICK-LED-R-33-X-10
	ø35mm	16.9	ICK-LED-R-35-X-10
	ø40mm	12.2	ICK-LED-R-40-X-10
	ø50mm	10.5	ICK-LED-R-50-X-10



LED

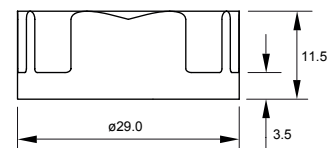


Website Data Reference
THM095

- Compact
- Black anodised

Dimensions (mm)

Height	Diameter	Thermal Resistance (°C/W)	Part Number
			Fischer
11.5mm	ø29mm	17.6	ICKLEDR29X11.5



LED

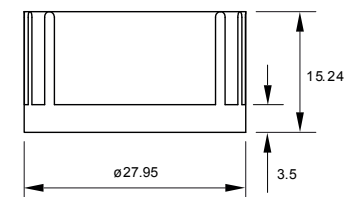


Website Data Reference
THM096

- Compact
- Black anodised

Dimensions (mm)

Height	Diameter	Thermal Resistance (°C/W)	Part Number
			Fischer
15mm	ø28mm	15.2	ICK-LED-R-28-X-15



Heatsinks

Fin

LED Cooling

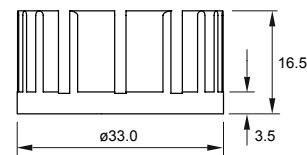
LED



- Compact
- Black anodised

Height	Diameter	Thermal Resistance (°C/W)	Part Numbers
			Fischer
16.5mm	ø33mm	13.8	ICKLEDR33X16.5
	ø47.5mm	10.4	ICKLEDR45.7X16.5
	ø50.8mm	10.1	ICKLEDR50.8X16.5

Dimensions (mm)



Website Data Reference
THM097

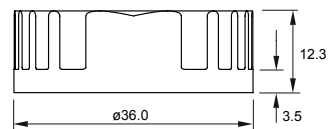
LED



- Compact
- Black anodised

Height	Diameter	Thermal Resistance (°C/W)	Part Number
			Fischer
12mm	ø36mm	12.8	ICK-LED-R-36-X-12

Dimensions (mm)



Website Data Reference
THM098

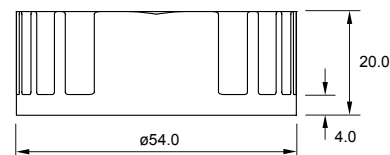
LED



- Compact
- Black anodised

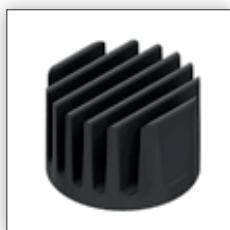
Height	Diameter	Thermal Resistance (°C/W)	Part Number
			Fischer
20mm	ø54mm	9.4	ICK-LED-R-54-X-20

Dimensions (mm)



Website Data Reference
THM099

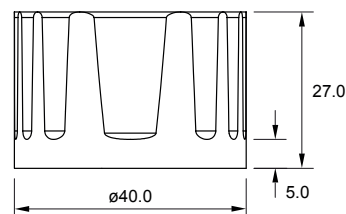
LED



- Compact
- Black anodised

Height	Diameter	Thermal Resistance (°C/W)	Part Number
			Fischer
27mm	ø40mm	9.4	ICK-LED-R-40-X-27

Dimensions (mm)



Website Data Reference
THM100

Heatsinks

Extruded/Pin Fin

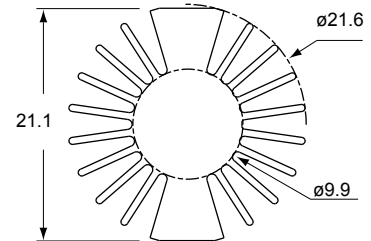
LED Cooling

LED



- Clean finish
- Choice of thermal performance
- Custom mounting holes available

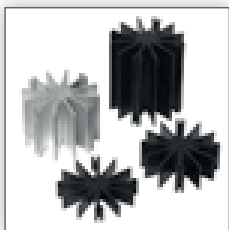
Dimensions (mm)



Website Data Reference
THM101

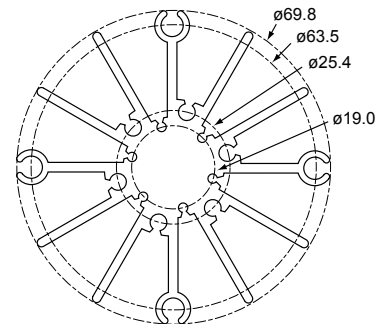
Height	Diameter	Thermal Resistance (°C/W)	Part Numbers
			Ohmite
14mm	ø21.6mm	9	SV-LED-314E
25mm		5.6	SV-LED-325E

LED



- Suitable for Star Board mounting
- Choice of thermal performance

Dimensions (mm)



Website Data Reference
THM102

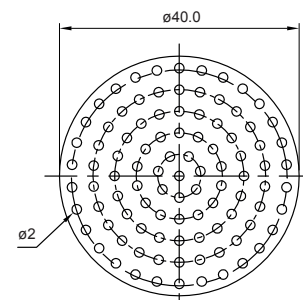
Height	Diameter	Thermal Resistance (°C/W)	Part Numbers
			Ohmite
12.7mm Black anodised	ø70mm	5.3	SA-LED-113E
25.4mm Black anodised		4.2	SA-LED-125E
50.8mm Black anodised		4	SA-LED-151E
76.2mm Black anodised		2.5	SA-LED-176E
12.7mm Clean finish		6.6	SV-LED-113E
25.4mm Clean finish		5.3	SV-LED-125E
50.8mm Clean finish		4	SV-LED-151E
76.2mm Clean finish		3.1	SV-LED-176E

LED



- Pin fin heatsink
- Choice of heights, 30, 40 & 50mm
- 4 base types for mounting options

Dimensions (mm)



Website Data Reference
THM103

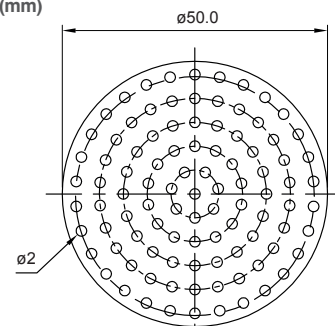
Diameter	Part Number
	Calinar
ø40mm	LED40DxxLxTHxx-x

LED



- Pin fin heatsink
- Choice of heights, 30, 40 & 50mm
- 4 base types for mounting options

Dimensions (mm)



Website Data Reference
THM104

Diameter	Part Number
	Calinar
ø50mm	LED50DxxLxTHxx-x

Heatsinks

Pin Fin

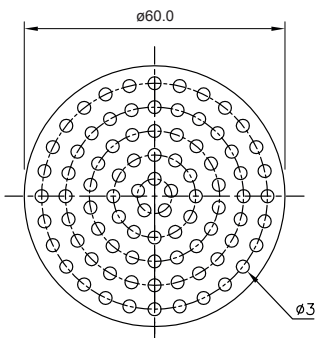
LED Cooling

LED


- Pin fin heatsink
- Choice of heights, 30, 40 & 50mm
- 4 base types for mounting options

Diameter	Part Number
	Calinar
ø60mm	LED60DxxLxTHxx-x

Website Data Reference
THM105

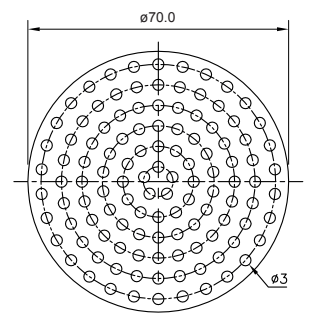
Dimensions (mm)


LED


- Pin fin heatsink
- Choice of heights, 30, 40 & 50mm
- 4 base types for mounting options

Diameter	Part Number
	Calinar
ø70mm	LED70DxxLxTHxx-x

Website Data Reference
THM106

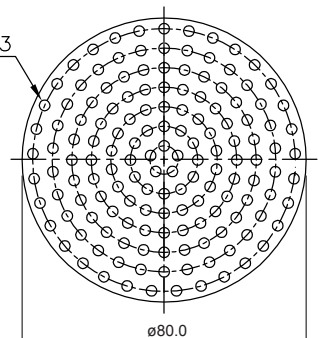
Dimensions (mm)


LED


- Pin fin heatsink
- Choice of heights, 30, 40 & 50mm
- 4 base types for mounting options

Diameter	Part Number
	Calinar
ø80mm	LED80DxxLxTHxx-x

Website Data Reference
THM107

Dimensions (mm)


Processor Cooling

FPGA/BGA Plastic

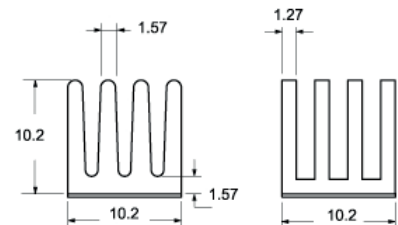


Website Data Reference
THM108

- T411 adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
10mm x 10mm x 10mm	71.4	375324B00035G

Dimensions (mm)



FPGA/BGA Plastic

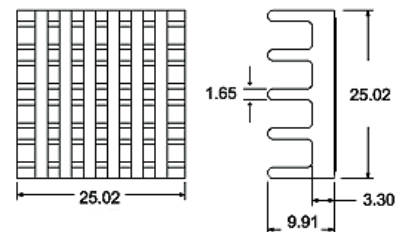


Website Data Reference
THM109

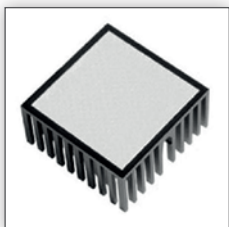
- T410R adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
25mm x 25mm x 10mm	34	335224B00034G

Dimensions (mm)



FPGA/BGA Plastic

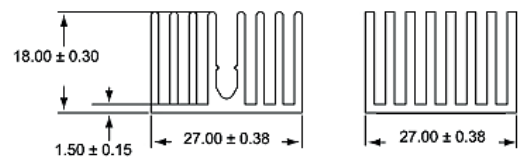


Website Data Reference
THM110

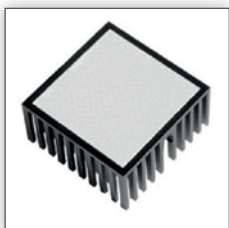
- T411 adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
27mm x 27mm x 18mm	20.3	374424B00035G

Dimensions (mm)



FPGA/BGA Plastic

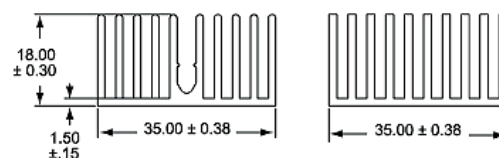


Website Data Reference
THM111

- T411 adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
35mm x 35mm x 18mm	15.3	374724B00035G

Dimensions (mm)

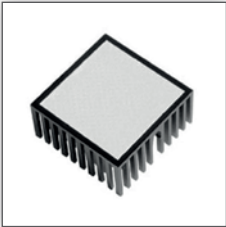


Heatsinks

Fin

Processor Cooling

FPGA/BGA Plastic

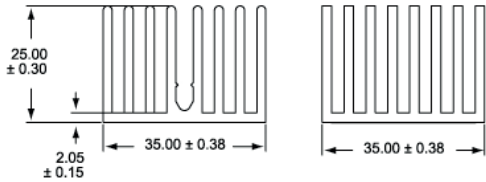


- T411 adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
35mm x 35mm x 25mm	12	374824B00035G

Website Data Reference
THM112 ⓘ

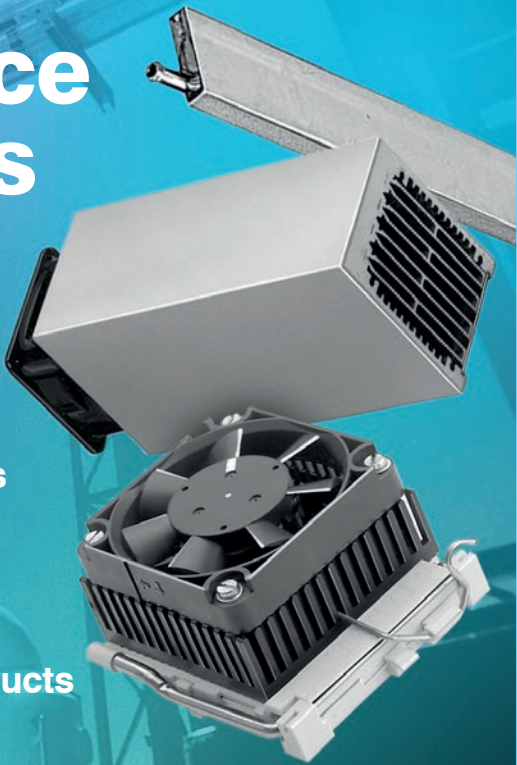
Dimensions (mm)



High Performance Cooling Systems

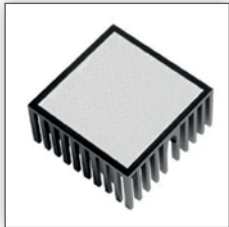
- Innovative, efficient heatsink designs
- Heatsinks with built in fans for efficient forced air flow and noise reduction
- High performance fluid cooler heatsinks for power modules

For more information on our range of **Forced Air Cooling and Fluid Cooling Products** visit www.anglia-live.com



Processor Cooling

FPGA/BGA Metal

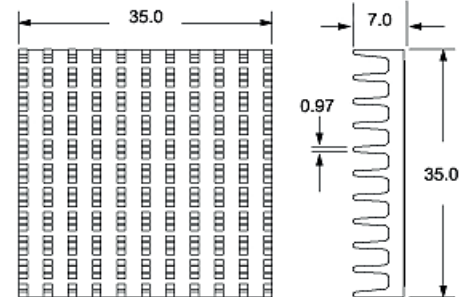


Website Data Reference
THM113

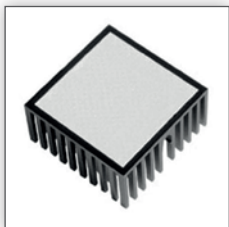
- T405R adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
35mm x 35mm x 7mm	31.9	371824B00032G

Dimensions (mm)



FPGA/BGA Metal

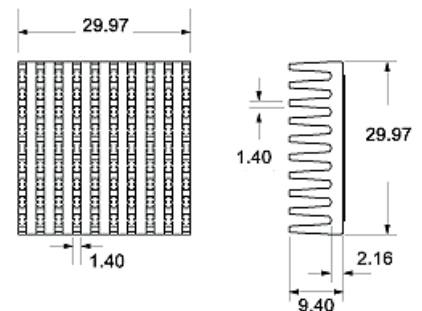


Website Data Reference
THM114

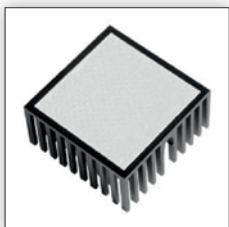
- T405R adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
30mm x 30mm x 9.4mm	29.4	335824B00032

Dimensions (mm)



FPGA/BGA Metal

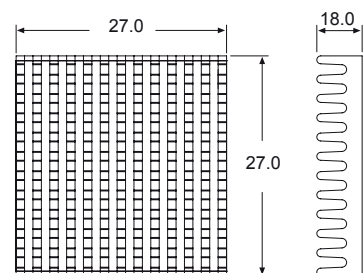


Website Data Reference
THM115

- T405R adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
27mm x 27mm x 18mm	20.3	374424B00032G

Dimensions (mm)



FPGA/BGA Metal

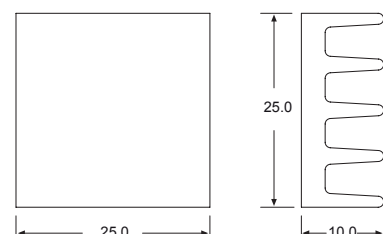


Website Data Reference
THM116

- T405R adhesive tape

Description	Thermal Resistance (°C/W)	Part Number
		Aavid
25mm x 25mm x 10mm	10	335214B00032G

Dimensions (mm)



Heatsinks

Extrusion Profiles

High Power Cooling

User defined

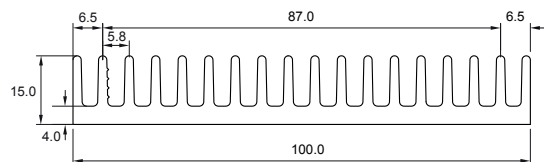


Website Data Reference
THM117

- Choice of lengths for greater thermal performance
- Black anodised

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
37.5mm	3.4 – 1.9	SK-81-37.5-SA
50mm		SK-81-50-SA
75mm		SK-81-75-SA
100mm		SK-81-100-SA
1000mm		SK-81-1000-SA

Dimensions (mm)



User defined

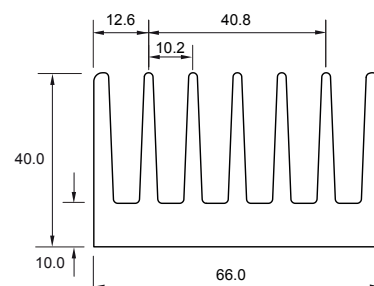


Website Data Reference
THM118

- Choice of lengths for greater thermal performance
- Black anodised

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
37.5mm	3 – 1	SK-100-37.5-SA
50mm		SK-100-50-SA
75mm		SK-100-75-SA
100mm		SK-100-100-SA
150mm		SK-100-150-SA
1000mm		SK-100-1000-SA

Dimensions (mm)



User defined

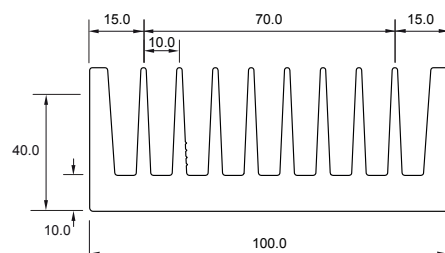


Website Data Reference
THM119

- Choice of lengths for greater thermal performance
- Black anodised

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
50mm	2.1 – 0.9	SK-92-50-SA
75mm		SK-92-75-SA
100mm		SK-92-100-SA
150mm		SK-92-150-SA
1000mm		SK-92-1000-SA

Dimensions (mm)



High Power Cooling

User defined

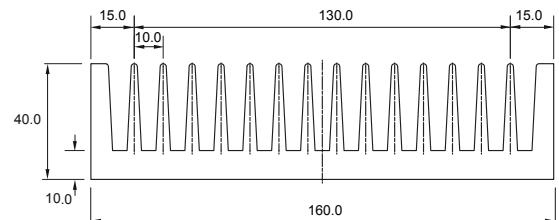


Website Data Reference
THM120

- Choice of lengths for greater thermal performance
- Black anodised

Length	Thermal Resistance (°C/W)	Part Numbers
		Fischer
37.5mm	1.3 – 0.6	SK-85-37.5-SA
50mm		SK-85-50-SA
75mm		SK-85-75-SA
100mm		SK-85-100-SA
150mm		SK-85-150-SA
1000mm		SK-85-1000-SA

Dimensions (mm)



Custom Extrusion Profiles

Calinar offers competitive pricing on tooling, giving the customer far more freedom.

Designers no longer have to be held back by a limited heatsink choice when laying out a PCB. Bespoke custom designs make Calinar a one-stop tooling solution.

Custom capabilities include:

- Anodised colours or bare finish
- Precision Machining & Cutting
- Custom drilling patterns
- Tapping
- Milling
- Custom length & shapes
- Surface finishing

For more information
visit www.anglia-live.com



Forced Air Cooling

Fin with Axial Fan

Processor Cooling



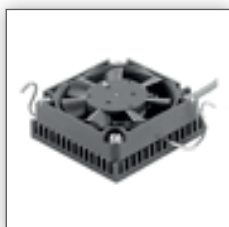
- 12Vdc
- 26.51mm height including fan

Description	Thermal Resistance (°C/W)	Part Number
		Fischer
50 x 50 x 16.5mm + fan	1.2	LA-ICK-PEN-16-W12

Dimensions (mm)



Website Data Reference
THM121



- 12Vdc
- 18mm height including fan

Description	Thermal Resistance (°C/W)	Part Number
		Fischer
50 x 50 x 8mm + fan	1.6	LA-ICK-PEN-18-W12

Dimensions (mm)



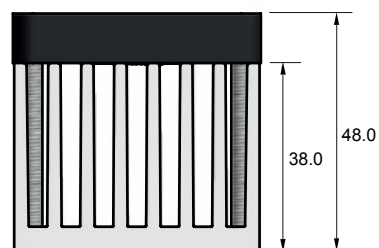
Website Data Reference
THM122



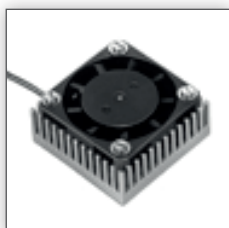
- 12Vdc
- 48mm height including fan

Description	Thermal Resistance (°C/W)	Part Number
		Fischer
50 x 50 x 38mm + fan	1.1	LA-ICK-PEN-38-W12

Dimensions (mm)



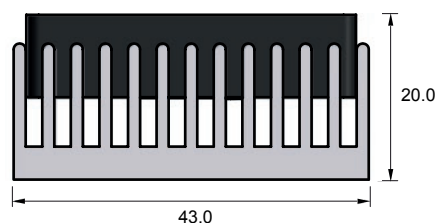
Website Data Reference
THM123



- 5 or 12Vdc
- 43 x 43mm
- 20mm height including fan

Description	Thermal Resistance (°C/W)	Part Numbers
		Fischer
5Vdc	1.6	LA-ICK-17X17-W-05
12Vdc		LA-ICK-17X17-W-12

Dimensions (mm)



Website Data Reference
THM124



Forced Air Cooling

Hollow Fin with Axial Fan

High Power Cooling

User defined

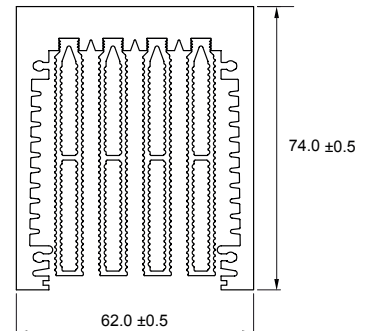


Website Data Reference
THM125

- Effective heat dissipation
- Extremely low losses due to hollow fin geometry

Description	Part Numbers
	Fischer
12Vdc 100mm length	LA-6-100-12-V
24Vdc 150mm length	LA-6-150-24-V

Dimensions (mm)



Thermal Interface Material

Anglia's range of Thermal Interface Material (TIM), is used to enhance the thermal coupling between the heatsink and the component.

- Thermal Compounds
- Thermal Sheets & Pads
- Mounting Hardware

For more information on our range of **Thermal Interface Materials** visit www.anglia-live.com



Fluid Cooling

Power Modules

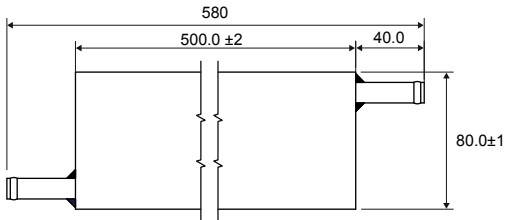


Website Data Reference
THM126

- Dissipates large quantities of heat in a low space environment
- Internal lamella structure

Length	Part Number
	Fischer
580mm including ports	FLKI-80

Dimensions (mm)



Power Modules

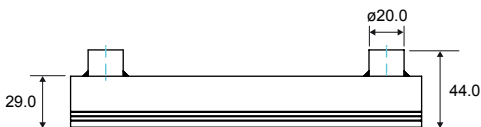


Website Data Reference
THM127

- Dissipates large quantities of heat in a low space environment
- Internal lamella structure

Length	Part Numbers
	Fischer
200mm	FLKI-80-G-200
300mm	FLKI-80-G-300

Dimensions (mm)



Power Modules

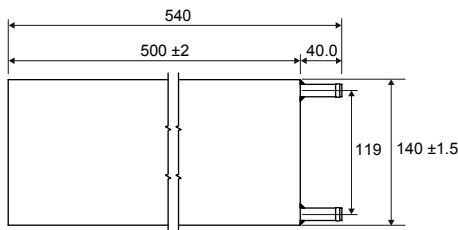


Website Data Reference
THM128

- Dissipates large quantities of heat in a low space environment
- Internal lamella structure

Length	Part Number
	Fischer
540mm including ports	FLKU-140

Dimensions (mm)



Thermal Management

Thermal Interface Material

Thermal Compounds



- Silicone-based grease

Description	Part Numbers
	Aavid
57g tube	250G
450g can	251G

Website Data Reference
THM129 ⓘ

Thermal Compounds



- Silicone-based paste

Description	Part Number
	Fischer
35g	WLP-035

Website Data Reference
THM130 ⓘ

Thermal Compounds



- Silicone-free paste

Description	Part Numbers
	Fischer
2ml	WLPF-5-G
5ml	WLPF-10-G
10ml	WLPF-20-G
20ml	WLPF-50-G

Website Data Reference
THM131 ⓘ

Thermal Management

Thermal Interface Material

Thermal Sheets & Pads

Pads

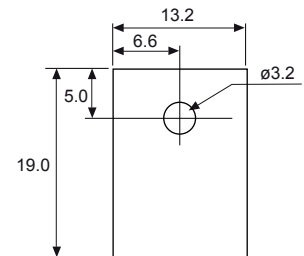


Website Data Reference
THM132

- Silicone rubber

Dimensions (mm)

Description	Type	Part Numbers	
		CEL	Calinar
TO220	Non-adhesive	471138	–
TO220, clip mount	Non-adhesive	–	TP-NA-IS-TO220-CM
TO220	Adhesive	–	TP-AC-IS-TO220
TO220, clip mount	Adhesive	–	TP-AC-IS-TO220-CM



Pads

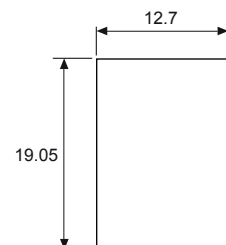


Website Data Reference
THM133

- Silicone rubber SP400

Dimensions (mm)

Description	Type	Part Numbers
		Bergquist
TO220	Non-adhesive	3223-07FR-43
	Adhesive	SP400-0.007-00-54



Pads

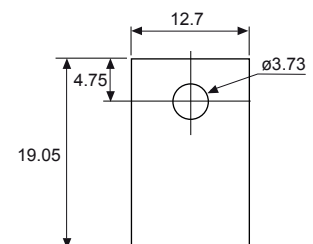


Website Data Reference
THM134

- Silicone rubber SP2000

Dimensions (mm)

Description	Type	Part Number
		Bergquist
TO220	Non-adhesive	471978



Pads

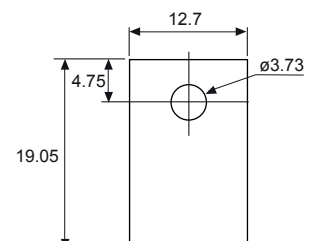


Website Data Reference
THM135

- Silicone rubber SPK6

Dimensions (mm)

Description	Type	Part Number
		Bergquist
TO220	Non-adhesive	471972



Thermal Management

Thermal Interface Material

Thermal Sheets & Pads

Pads

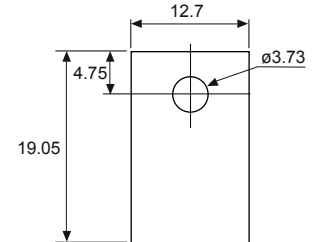


Website Data Reference
THM136

- Silicone rubber SPK10

Description	Type	Part Number
		Bergquist
TO220	Non-adhesive	471975

Dimensions (mm)



Pads

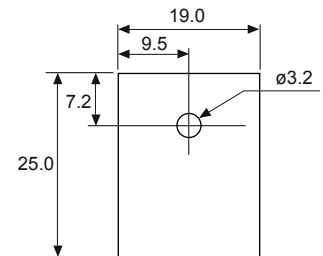


Website Data Reference
THM137

- Silicone rubber

Description	Type	Part Numbers	
		CEL	Calinar
TO247	Non-adhesive	471136	-
TO3P	Adhesive	-	TP-AC-IS-TO3P/247

Dimensions (mm)



Pads

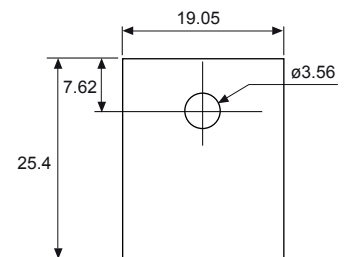


Website Data Reference
THM138

- Silicone rubber SP2000

Description	Type	Part Number
		Bergquist
TO247	Non-adhesive	471979
TO3P		

Dimensions (mm)



Pads

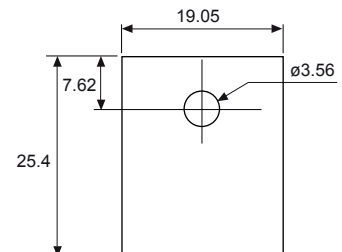


Website Data Reference
THM139

- Silicone rubber SPK6

Description	Type	Part Number
		Bergquist
TO247	Non-adhesive	471973
TO3P		

Dimensions (mm)



Thermal Management

Thermal Interface Material

Thermal Sheets & Pads

Pads

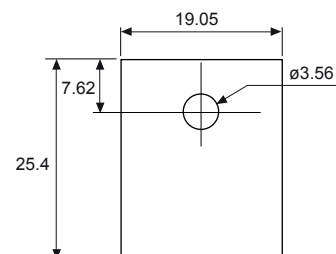


- Silicone rubber SPK10

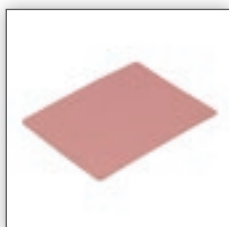
Description	Type	Part Number
		Bergquist
TO247	Non-adhesive	471976
TO3P		

Website Data Reference
THM140

Dimensions (mm)



Pads

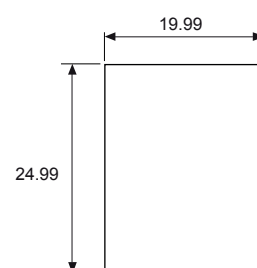


- Silicone rubber SP900S

Description	Type	Part Number
		Bergquist
TO3	Non-adhesive	471998

Website Data Reference
THM141

Dimensions (mm)



Pads

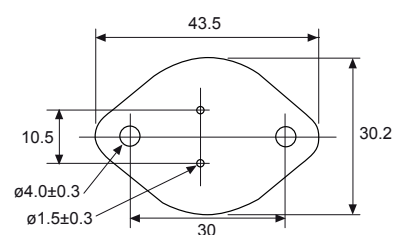


- Silicone rubber

Description	Type	Part Number
		CEL
TO3	Non-adhesive	471130

Website Data Reference
THM142

Dimensions (mm)



Pads

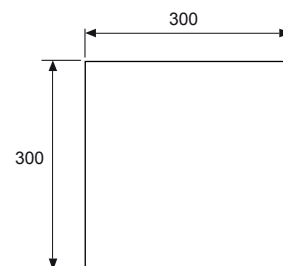


- Silicone rubber

Description	Type	Part Numbers
		Calinar
300mm x 300mm	Non-adhesive	TP-NA-IS-300X300
	Adhesive	TP-AC-IS-300X300

Website Data Reference
THM143

Dimensions (mm)

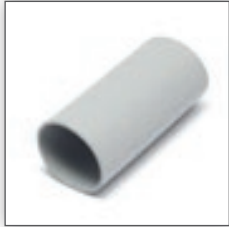


Thermal Management

Thermal Interface Material

Thermal Sheets & Pads

Sleeves

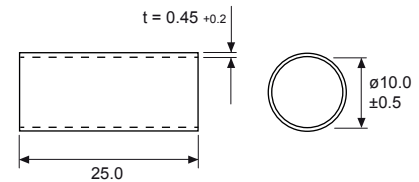


- Silicone rubber

Description	Type	Part Number
		Calinar
TO220	Non-adhesive	TS-NA-IS-TO220

Website Data Reference
THM144

Dimensions (mm)



Sleeves

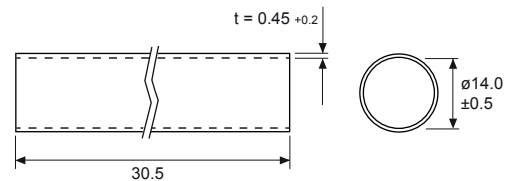


- Silicone rubber

Description	Type	Part Number
		Calinar
TO247	Non-adhesive	TS-NA-IS-TO3P/247
TO3P		

Website Data Reference
THM145

Dimensions (mm)



Hoods

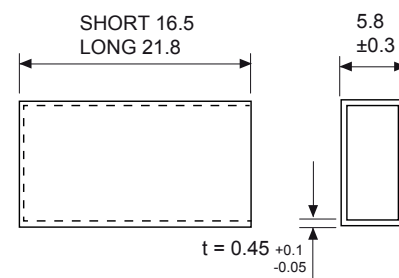


- Silicone rubber

Description	Part Numbers
	Calinar
TO220 short	TH-TO220-S-45
TO220 long	TH-TO220-L-45

Website Data Reference
THM146

Dimensions (mm)



Hoods

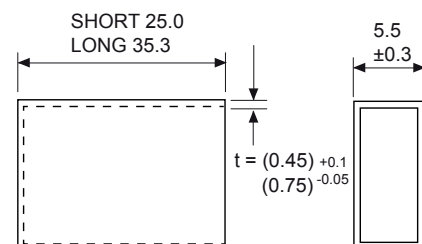


- Silicone rubber

Description	Part Numbers
	Calinar
TO247 TO3P short, 0.45th	TH-TO3P/247-S-45
TO247 TO3P short, 0.75th	TH-TO3P/247-S-75
TO247 TO3P long, 0.75th	TH-TO3P/247-L-75

Website Data Reference
THM147

Dimensions (mm)



Thermal Management

Thermal Interface Material

Thermal Sheets & Pads

Pads



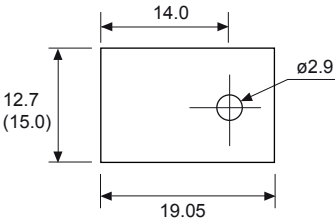
Website Data Reference

THM148

- Transparent mica

Description	Part Numbers	
	CEL	
TO220 19mm x 12.7mm	471108	
TO220 19mm x 15mm	471109	

Dimensions (mm)



Pads



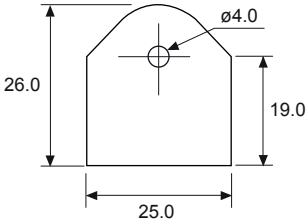
Website Data Reference

THM149

- Transparent mica

Description	Part Number	
	CEL	
TO3P	471106	

Dimensions (mm)



Pads



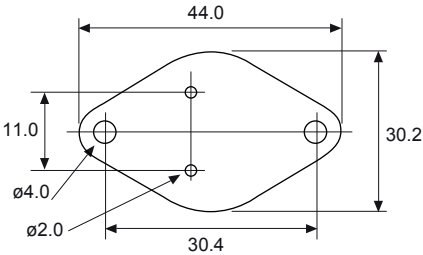
Website Data Reference

THM150

- Transparent mica

Description	Part Number	
	CEL	
TO3	471100	

Dimensions (mm)

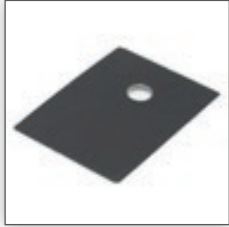


Thermal Management

Thermal Interface Material

Phase Change

Pads



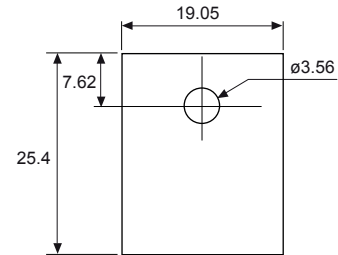
- Hi-Flow 105

Description	Part Number
	Bergquist
TO247	471902
TO3P	

Website Data Reference
THM151



Dimensions (mm)



Graphite-PAD

Pads



- Graphite Polymer
- Available in multiple sizes

Size	Type	Part Number
		Panasonic
35 x 35mm	Adhesive	EYGT xxxx x xx *
70 x 70mm		

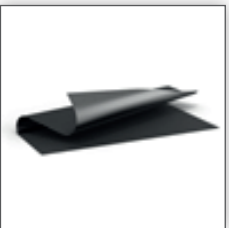
* Refer to Datasheet for Part Numbers

Website Data Reference
THM152



Pyrolytic Graphite Sheet (PGS)

Pads



- Graphite Polymer
- Available in multiple sizes

Type	Part Number
	Panasonic
Non-adhesive	EYG S xxxx xx *

* Refer to Datasheet for Part Numbers

Website Data Reference
THM153

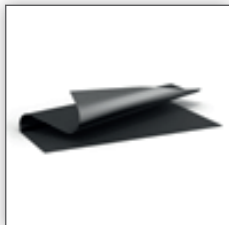


Thermal Management

Thermal Interface Material

Pyrolytic Graphite Sheet (PGS)

Pads



- Graphite Polymer
- Available in multiple sizes

Website Data Reference
THM154 ⓘ

Type	Part Number
	Panasonic
Adhesive	EYG A xxxx xx x *

* Refer to Datasheet for Part Numbers

Pads



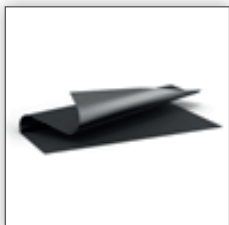
- Graphite Polymer
- Available in multiple sizes

Website Data Reference
THM155 ⓘ

Type	Part Number
	Panasonic
Soft type adhesive	EYG S xxxx ZL xx *

* Refer to Datasheet for Part Numbers

Pads



- Graphite Polymer
- Available in multiple sizes
- Laminated types
- High heat resistance types

Website Data Reference
THM156 ⓘ

Type	Part Number
	Panasonic
Adhesive	EYG A xxxx xx xx *

* Refer to Datasheet for Part Numbers

Pads



- Graphite Polymer
- Available in multiple sizes

Website Data Reference
THM157 ⓘ

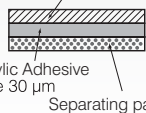
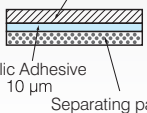
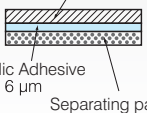
Type	Part Number
	Panasonic
Elastomer processing	EYG E xxxx x x x x *

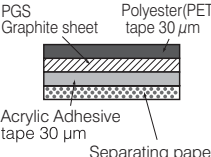
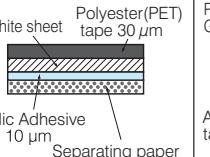
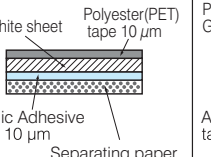
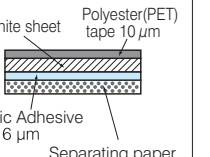
* Refer to Datasheet for Part Numbers

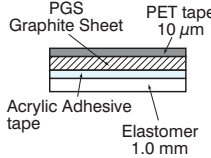
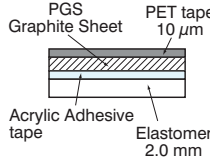
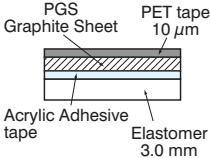
Thermal Management

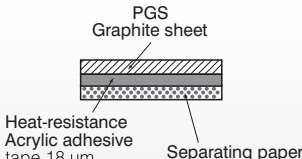
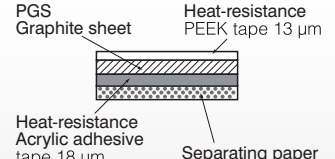
Thermal Interface Material

Pyrolytic Graphite Sheet (PGS)

Type	PGS Only	Adhesive Type		
	S type	A-A type	A-M type	A-F type
Front face	—	—	—	—
Rear face	—	Insulative adhesion type 30 μ m	Insulative thin adhesion type 10 μ m	Insulative thin adhesion type 6 μ m
Structure				
Features	- High Thermal Conductivity - High Flexibility - Low Thermal Resistance - Available up to 400 °C - Conductive Material	- With insulation material on one side - With strong adhesive tape for putting chassis - Withstanding Voltage : 2 kV	- With insulation material on one side - Low thermal resistance comparison with A-A type - Withstanding Voltage : 1 kV	- With insulation material on one side - Low thermal resistance comparison with A-A type

Type	Laminated type (Insulation & Adhesive)			
	A-PA type	A-PM type	A-DM type	A-DF type
Front face	Polyester tape standard type 30 μ m	Polyester tape standard type 30 μ m	Polyester tape thin type 10 μ m	Polyester tape thin type 10 μ m
Rear face	Insulative adhesion type 30 μ m	Insulative thin adhesion type 10 μ m	Insulative thin adhesion type 10 μ m	Insulative thin adhesion type 6 μ m
Structure				
Features	- With insulation material on both side - Withstanding Voltage PET tape : 4 kV - Adhesive Tape : 2 kV	- With insulation material on both side - Withstanding Voltage PET tape : 4 kV - Adhesive Tape : 1 kV	- With insulation material on both side - Withstanding Voltage PET tape : 1 kV - Adhesive Tape : 1 kV	- With insulation material on both side - Withstanding Voltage PET tape : 1 kV

Type		E-6 type	E-8 type	E-9 type
Elastomer thickness		1.0 mm	2.0 mm	3.0 mm
Structure				
Features		- Soft and low thermal resistance (Elastomer) - Low repulsion - Withstanding Voltage : 1.7 kV	- Soft and low thermal resistance (Elastomer) - Low repulsion - Withstanding Voltage : 1.7 kV	- Soft and low thermal resistance (Elastomer) - Low repulsion - Withstanding Voltage : 1.7 kV
Withstand temperature		100 °C	100 °C	100 °C
Standard Size		90 × 115 mm	90 × 115 mm	90 × 115 mm
70 μ m	Part No.	EYGE0912XB6D	EYGE0912XB8D	EYGE0912XB9D
	Thickness	1.09 mm	2.09 mm	3.09 mm
25 μ m	Part No.	EYGE0912XD6D	EYGE0912XD8D	EYGE0912XD9D
	Thickness	1.05 mm	2.05 mm	3.05 mm

Type	High heat resistance type	
	A-V type	A-RV type
Front face	—	High heat resistance and insulation type 13 μ m
Rear face	High heat resistance and insulation adhesion type 18 μ m	High heat resistance and insulation adhesion type 18 μ m
Structure		
Features	- With high heat resistance and insulation tape on one side - Withstanding Voltage Adhesive tape : 2 kV	- With high heat resistance and insulation tape on both side - Withstanding Voltage PEEK tape : 2 kV - Adhesive tape : 2 kV

Thermal Management

Thermal Interface Material

Mounting Hardware

Bushes

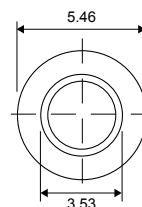


Website Data Reference
THM158

- TO220

Description	Part Number
	Aavid
5.46mm dia. insulating shoulder bush	7721-7PPSG

Dimensions (mm)



Bushes

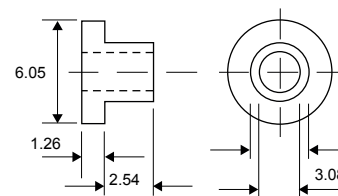


Website Data Reference
THM159

- TO220

Description	Part Number
	CEL
6.05mm dia. mm insulating shoulder bush	471116

Dimensions (mm)



Bushes

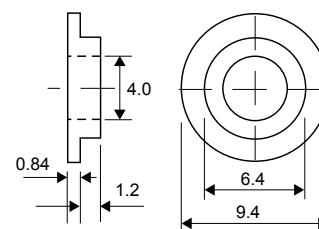


Website Data Reference
THM160

- TO220

Description	Part Number
	CEL
9.4mm dia. mm insulating shoulder bush	471104

Dimensions (mm)



Bushes

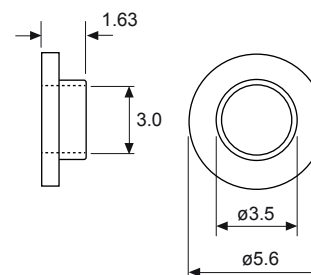


Website Data Reference
THM161

- TO220
- TO3P

Description	Part Number
	CEL
5.6mm dia. insulating shoulder bush	471128

Dimensions (mm)



Thermal Management

Thermal Interface Material

Mounting Hardware

Spacing Pads

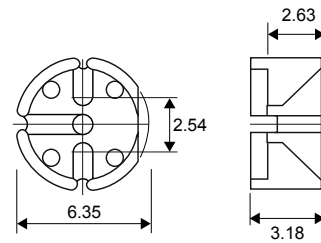


- TO92

Height	Part Numbers
	CEL
3 hole, 3.2mm	473092
3 hole, 3.7mm	473094
4 hole, 3.7mm	473016

Website Data Reference
THM162 

Dimensions (mm)



Spacing Pads

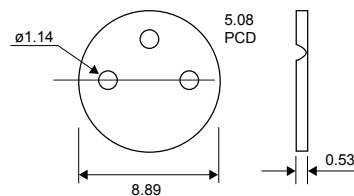


- TO5
- TO39

Height	Part Numbers
	CEL
3 hole, 0.5mm	473007
4 hole, 2.8mm	473005

Website Data Reference
THM163 

Dimensions (mm)



Spacing Pads

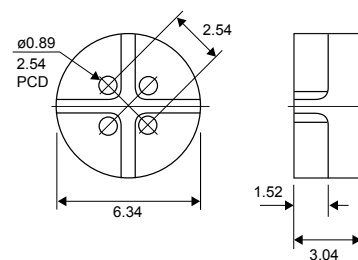


- TO218

Height	Part Number
	CEL
4 hole, 3.1mm	473018

Website Data Reference
THM164 

Dimensions (mm)



Thermal Management

Thermal Interface Material

Mounting Hardware

Insulator Kits

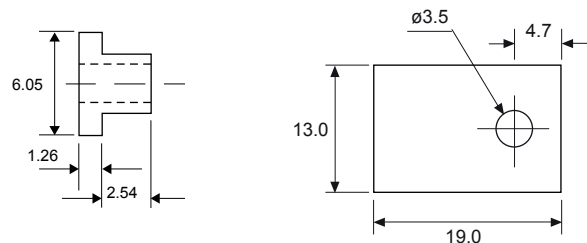


- TO220

Description	Part Numbers
	CEL
Silicone	471930
Mica	471908

Website Data Reference
THM165

Dimensions (mm)



Insulator Kits

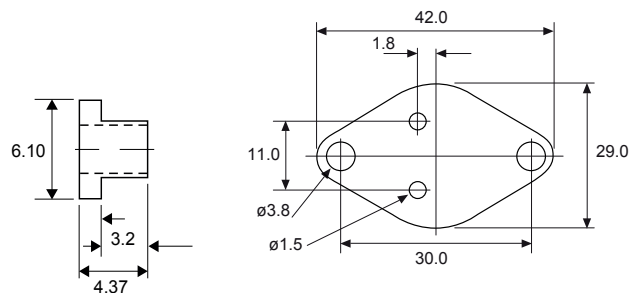


- TO3

Description	Part Numbers
	CEL
Silicone	471931
Mica	471909

Website Data Reference
THM166

Dimensions (mm)

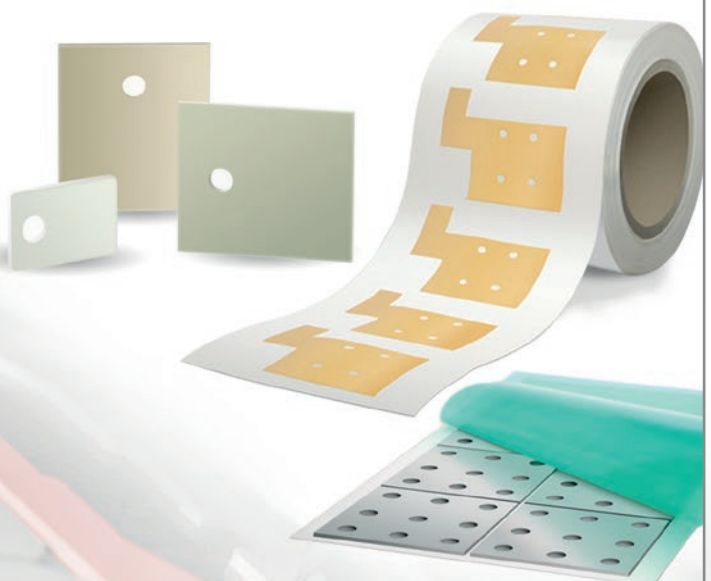


A wide range of thermally conductive materials from Aavid Kunze in standard pre-cut sizes or customised solutions.



- Electrically insulating or non-insulating
- High performance thermo-silicone
- Silicone free phase-change
- Silicone caps and tubes
- Graphite films
- Aluminium and copper foils

For more information on our range of **Thermal Interface Materials** visit www.anglia-live.com



Thermal Management

Thermal Interface Material

Mounting Hardware

Clamps & Clips

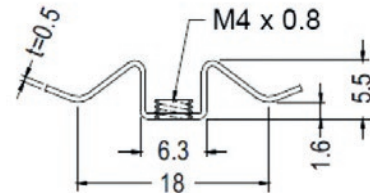


- Transistor

Description	Part Number
	Calinar
M4 tapped	CLAMP-01

Website Data Reference
THM167

Dimensions (mm)



Clamps & Clips

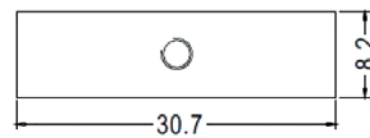


- Transistor

Description	Part Number
	Calinar
M3 tapped	CLAMP-02

Website Data Reference
THM168

Dimensions (mm)



Clamps & Clips

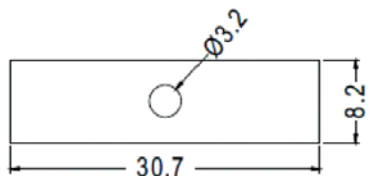


- Transistor

Hole Size	Part Number
	Calinar
ø3.2mm	CLAMP-03

Website Data Reference
THM169

Dimensions (mm)



Clamps & Clips

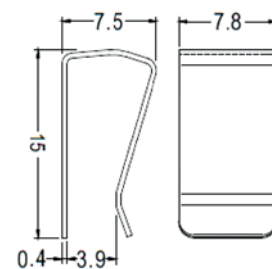


- Transistor

Description	Part Number
	Calinar
Spring clamp for TO220	CLAMP-05

Website Data Reference
THM170

Dimensions (mm)



Thermal Management

Thermal Interface Material

Mounting Hardware

Clamps & Clips

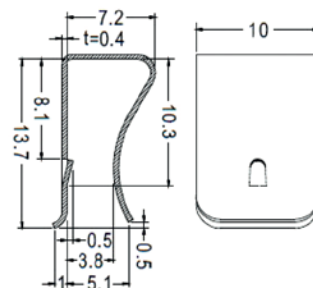


Website Data Reference
THM171

- Transistor

Description	Part Number
	Calinar
Spring clamp for TO220	CLAMP-06

Dimensions (mm)



Clamps & Clips

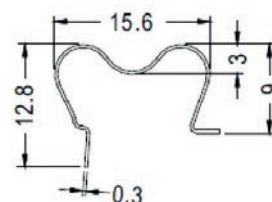


Website Data Reference
THM172

- Transistor

Description	Part Number
	Calinar
Mounting clip for TO220	CLAMP-07

Dimensions (mm)



Clamps & Clips

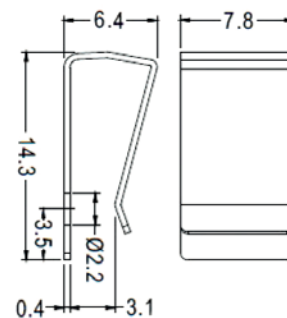


Website Data Reference
THM173

- Transistor

Description	Part Number
	Calinar
Spring clamp for TO247	CLAMP-04

Dimensions (mm)



Clamps & Clips

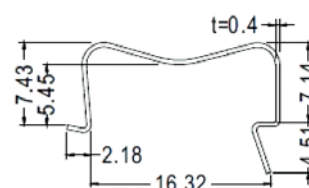


Website Data Reference
THM174

- Transistor

Description	Part Number
	Calinar
Mounting clip for TO247	CLAMP-08

Dimensions (mm)



Part Number Index

Part Number	Website Data Reference	Page Number	Part Number	Website Data Reference	Page Number	Part Number	Website Data Reference	Page Number	Part Number	Website Data Reference	Page Number
4525	THM080	23, 24	CLIP-01	THM075	22, 23	FK-244-08-D2-PAK	THM006	3	SK-481-25-AL	THM084	24
4597	THM080	23, 24	CLIP-02	THM058	17	FK-244-08-D2PAKTR	THM006	3	SK-481-30-AL	THM084	24
5901	THM075	22, 23	CLIP-03	THM055	16	FK-244-08-D3-PAK	THM011	4	SK-481-37.5-AL	THM084	24
6801	THM071	21	CLIP-04	THM071	21	FK-244-08-D3PAKTR	THM011	4	SK-481-50-AL	THM084	24
7701	THM054	16, 17	CLIP-05	THM074	22	FK-244-13-D2-PAK	THM007	3	SK-481-75-AL	THM084	24
471100	THM150	44	CLIP-06	THM062	19	FK-244-13-D2PAKTR	THM007	3	SK-48-50-SA-3	THM091	26
471104	THM160	48	CLIP-07	THM080	23, 24	FK-244-13-D3-PAK	THM012	4	SK-48-65-AL	THM092	26
471106	THM149	44	CLIP-09	THM080	23, 24	FK-244-13-D3PAKTR	THM012	4	SK-81-1000-SA	THM117	34
471108	THM148	44	CLP-204	THM062	19	FK-244-13-D-PAK	THM003	2	SK-81-100-SA	THM117	34
471109	THM148	44	DA-T263-101E	THM010	4	FK-244-13-D-PAKTR	THM003	2	SK-81-37.5-SA	THM117	34
471116	THM159	48	DA-T263-201E	THM005	3	FK-245-MI-247-H	THM052	15	SK-81-50-SA	THM117	34
471128	THM161	48	DA-T263-301E	THM014	5	FK-245-MI-247-O	THM052	15	SK-81-75-SA	THM117	34
471130	THM142	42	DIP1490	THM017	6	FK-245-MI-247-V	THM052	15	SK-85-1000-SA	THM120	35
471136	THM137	41	DV-T263-101E	THM010	4	FLKI-80	THM126	38	SK-85-100-SA	THM120	35
471138	THM132	40	DV-T263-201E	THM005	3	FLKI-80-G-200	THM127	38	SK-85-150-SA	THM120	35
471902	THM151	45	DV-T263-301E	THM014	5	FLKI-80-G-300	THM127	38	SK-85-37.5-SA	THM120	35
471908	THM165	50	EAB019NN	THM075	22	FLKU-140	THM128	38	SK-85-50-SA	THM120	35
471909	THM166	50	EAB025FH	THM076	22	HF20	THM049	14	SK-85-75-SA	THM120	35
471930	THM165	50	EAB025HC	THM063	19	HF35	THM049	14	SK-92-1000-SA	THM119	34
471931	THM166	50	EAB025NN	THM075	22	ICKLED23.5X14	THM093	27	SK-92-100-SA	THM119	34
471972	THM135	40	EAB025TH	THM077	23	ICK-LED-R-27-X-10	THM094	27	SK-92-150-SA	THM119	34
471973	THM139	41	EAB038FH	THM076	22	ICK-LED-R-28-X-15	THM096	27	SK-92-50-SA	THM119	34
471975	THM136	41	EAB038HC	THM063	19	ICKLED29X11.5	THM095	27	SK-92-75-SA	THM119	34
471976	THM140	42	EAB038NN	THM075	22	ICK-LED-R-32-X-14	THM093	27	SK-95-25-T0-220	THM064	19
471978	THM134	40	EAB038TH	THM077	23	ICK-LED-R-33-X-10	THM094	27	SMH008D	THM001	2
471979	THM138	41	EAB050FH	THM076	22	ICKLED33X16.5	THM097	28	SMH008DTR	THM001	2
471998	THM141	42	EAB050HC	THM063	19	ICK-LED-R-35-X-10	THM094	27	SMH013D	THM008	3
473005	THM163	49	EAB050NN	THM075	22	ICK-LED-R-36-X-12	THM098	28	SMH013DTR	THM008	3
473007	THM163	49	EAB063FH	THM076	22	ICK-LED-R-40-X-10	THM094	27	SP400-0.007-00-54	THM133	40
473016	THM162	49	EAB063HC	THM063	19	ICK-LED-R-40-X-27	THM100	28	SVA006NT	THM023	8
473018	THM164	49	EAB063NN	THM075	22	ICKLED45.7X16.5	THM097	28	SVA006WT	THM023	8
473092	THM162	49	EAC025HC	THM062	19	ICKLED50.8X16.5	THM097	28	SVA010NT	THM023	8
473094	THM162	49	EAC038HC	THM062	19	ICK-LED-R-50-X-10	THM094	27	SVA010WT	THM023	8
1.25GV-50	THM068	20	EAC050HC	THM062	19	ICK-LED-R-54-X-20	THM099	28	SVA013NT	THM023	8
220SA	THM027	9	EAC063HC	THM062	19	ICK-SMD-A-10-SA	THM015	6	SVA013WT	THM023	8
250G	THM129	39	EAD038NN	THM071	21	ICK-SMD-A-13-SA	THM015	6	SVB030WT	THM032	10
251G	THM129	39	EAD038TH	THM071	21	ICK-SMD-A-17-SA	THM015	6	SVCO13TV	THM050	15
3223-07FR-43	THM133	40	EAD050NN	THM071	21	ICK-SMD-A-22-SA	THM015	6	SVCO19TV	THM050	15
335214B00032G	THM116	33	EAD050TH	THM071	21	ICK-SMD-A-5-SA	THM015	6	SVCO25TV	THM050	15
335224B00034G	THM109	31	EAD063NN	THM071	21	ICK-SMD-A-8-SA	THM015	6	SVCO30TV	THM050	15
335824B00032	THM114	31	EAD063TH	THM071	21	ICK-SMD-B-10-SA	THM016	6	SV-LED-113E	THM102	29
371824B00032G	THM113	33	EAG050VB	THM091	26	ICK-SMD-B-13-SA	THM016	6	SV-LED-125E	THM102	29
374424B00032G	THM115	33	EAN025BH	THM078	23	ICK-SMD-B-19-SA	THM016	6	SV-LED-151E	THM102	29
374424B00035G	THM110	31	EAN038BH	THM078	23	ICK-SMD-B-5-SA	THM016	6	SV-LED-176E	THM102	29
374724B00035G	THM111	31	EAN050BH	THM078	23	ICK-SMD-B-7-SA	THM016	6	SV-LED-314E	THM101	29
374824B00035G	THM112	32	EAN063BH	THM078	23	KD100-1	THM079	23	SV-LED-325E	THM101	29
375324B00035G	THM108	31	EA-T220-38E	THM066	20	KD150-1	THM079	23	SVPO30NT	THM034	11
573100D00000	THM002	2	EA-T220-51E	THM066	20	KD50-1	THM079	23	SVPO30WT	THM034	11
573100D00010	THM002	2	EA-T220-64E	THM066	20	KL100-1	THM080	23	SVR011TV	THM025	8
573300D00000	THM008	3	EAV025CL	THM074	22	KL150-1	THM080	23	SVR019TV	THM025	8
573300D00010	THM008	3	EAV025HC	THM073	22	KL50-1	THM080	23	SVS025BA	THM042	13
573400D00000	THM013	5	EAV031CL	THM074	22	KL75-1	THM080	23	SVT010MH	THM026	9
573400D00010	THM013	5	EAV031HC	THM074	22	KM100-1	THM082	24	SVT030AC	THM055	16
574602B03700G	THM041	12	EAV038CL	THM074	22	KM150-1	THM082	24	SVT030TL	THM046	14
581002B02500	THM070	21	EAV038HC	THM073	22	KM50-1	THM082	24	SW19-2	THM075	22
5900PB	THM054	16	EAV050CL	THM074	22	KM75-1	THM082	24	SW25-2	THM075	22
5F	THM019	7	EAV050HC	THM073	22	KR100-1	THM083	24	SW25-3	THM077	23
5F-2	THM019	7	EAV063CL	THM074	22	KR150-1	THM083	24	SW25-4	THM076	22
5F-6	THM019	7	EAV063HC	THM073	22	KR75-1	THM083	24	SW25-6	THM063	19
6043B	THM042	13	EV-T220-38E	THM066	20	LA-6-100-12-V	THM125	37	SW38-2	THM075	22
6070B	THM047	14	EV-T220-51E	THM066	20	LA-6-150-24-V	THM125	37	SW38-3	THM077	23
6073B	THM026	9	EV-T220-64E	THM066	20	LA-ICK-17X17-W-05	THM124	36	SW38-4	THM076	22
6098B	THM062	19	EXK050L	THM080	23	LA-ICK-17X17-W-12	THM124	36	SW38-6	THM063	19
6099B	THM062	19	EXK050M	THM082	24	LA-ICK-PEN-16-W12	THM121	36	SW50-2	THM075	22
6100B	THM062	19	EXK075L	THM080	23	LA-ICK-PEN-18-W12	THM122	36	SW50-4	THM076	22
6230B	THM033	10	EXK075M	THM082	24	LA-ICK-PEN-38-W12	THM123	36	SW50-6	THM063	19
6273B	THM020	7	EXK075R	THM082	24	LED40DxxLxTHxx-x	THM103	29	SW63-2	THM075	22
6396B	THM078	23	EXK100L	THM080	23	LED50DxxLxTHxx-x	THM104	29	SW63-4	THM076	22
6398B	THM078	23	EXK100M	THM082	24	LED60DxxLxTHxx-x	THM105	30	SW63-6	THM063	19
6399B	THM078	23	EXK100R	THM083	24	LED70DxxLxTHxx-x	THM106	30	THFU-1	THM084	24
6400BG	THM078	23	EXK150L	THM080	23	LED80DxxLxTHxx-x	THM107	30	TH-T0220-L-45	THM146	43
7025B	THM059	17	EXK150M	THM082	24	PF184	THM058	17	TH-T0220-S-45	THM146	43
7025B-MT	THM059	17	EXK150R	THM083	24	PF185	THM058	17	TH-T03P/247-L-75	THM147	43
7106D	THM004	2	EYG A xxxxx xx x	THM154	46	PF187	THM058	17	TH-T03P/247-S-45	THM147	43
7106D/TR	THM004	2	EYG A xxxxx xx xx	THM156	46	PF432	THM037	11	TH-T03P/247-S-75	THM147	43
7109D/TR	THM009	4	EYG E xxxxx x x x x	THM157	46	PF433	THM037	11	TP-AC-IS-300X300	THM143	42
7109DG	THM009	4	EYG S xxxxx xx	THM155	45	PF434	THM037	11	TP-AC-IS-T0220	THM132	40
7136D	THM045	13	EYG S xxxxx ZL xx	THM153	46	PF436	THM037	11	TP-AC-IS-T0220-CM	THM132	40
7140D	THM044	13	EYGT xxxxx x xx	THM152	45	PF720	THM035	11	TP-AC-IS-T03P/247	THM137	41
7721-7PPSG	THM158	48	FA-T220-25E	THM073	22	PF730	THM022	8	TP-NA-IS-300X300	THM143	42
92F	THM018	7	FA-T220-38E	THM073	22	PF732	THM022	8	TP-NA-IS-T0220-CM	THM132	40
BW38-2	THM071	21	FA-T220-51E	THM073	22	PF745	THM041	12	TS-NA-IS-T0220	THM144	43
BW38-4	THM071	21	FA-T220-64E	THM073	22	PF750	THM040	12	TS-NA-IS-T03P/247	THM145	43
BW50-2	THM071	21	FCH019HT	THM041	12	PF751	THM040	12	TV100	THM050	15
BW50-4	THM071	21	FCH020NT	THM035	11	PF752	THM040	12	TV101	THM050	15
BW63-2	THM071	21	FCH020WT	THM035	11	PF758	THM040	12	TV102	THM024	8
BW63-4	THM071	21	FCL019CL	THM038	12	R2V-CT2-38E	THM065	19	TV1500	THM032	10
C220-025-1AE	THM067	20	FCL019CS	THM038	12	R2V-CT4-38E	THM086	25	TV1505	THM032	10
C220-025-1VE	THM067	20	FCL019NT	THM038	12	R2V-CT6-38E	THM089	26	TV265	THM056	16
C220-050-2AE	THM067	20	FCL019RA	THM038	12	SA-LED-113E	THM102	29	TV3	THM060	18
C220-050-2VE	THM067	20	FK-210-SA-CB	THM030	10	SA-LED-125E	THM102	29	TV35	THM050	15
C220-075-3AE	THM067	20	FK-212-CB-SA	THM031	10	SA-LED-151E	THM102	29	TV4	THM024	8
C220-075-3VE	THM067	20	FK-214-SA-CB	THM030	10	SA-LED-176E	THM102	29	TV40G	THM057	16
C247-025-1AE	THM087	25	FK-216-CB-SA	THM031	10	SFV019NA	THM040	12	TV46	THM024	8
C247-025-1VE	THM087	25	FK-218-32-SA	THM028	9	SFV019WB	THM040	12	TV5	THM025	8
C247-050-2AE	THM087	25	FK-220-SA-220	THM039	12	SFV041ST	THM058	17	TV58	THM025	8
C247-050-2VE	THM087	25	FK-222-MI	THM029	9	SK-100-1000-SA	THM118	34	TV65	THM056	16
C247-075-3AE	THM087	25	FK-224-MI-220-1	THM051	15	SK-100-100-SA	THM118	34	TV66	THM061	18
C247-075-3VE	THM087	25	FK-224-MI-P-SIP	THM021	7	SK-100-150-SA	THM118	34	WA-DT2-101E	THM069	20
C264-030-1AE	THM090	26	FK-224-SA-220-1	THM051	15	SK-100-37.5-SA	THM118	34	WA-T247-101E	THM085	25
C264-030-1VE	THM090	26	FK-224-SA-P-SIP	THM021	7	SK-100-50-SA	THM118	34	WA-T264-101E	THM088	25
C264-058-2AE	THM090	26	FK								

anglia

We also have a number of specialist divisions that cover specific technologies or markets, each one having a dedicated satellite website:

angliaLive

Anglia Live - online ordering service
(www.anglia-live.com)

angliaembedded

Anglia Embedded - embedded products and systems
(www.anglia-embedded.com)

angliaM2M

Anglia M2M - dedicated to machine-to-machine technology
(www.anglia-m2m.com)

anglialighting

Anglia Lighting - expertise in solid-state lighting
(www.anglia-lighting.com)

angliaHi-Rel

Anglia Hi-Rel - serving key critical markets with high reliability products (www.anglia-hirel.com)

angliachina

Anglia China - offering an electronic component logistics and distribution operation in Hong Kong (www.anglia-china.com)



Every project needs the right start

**ORDER YOUR
FREE SAMPLES**

using our NEW sample service

Visit www.anglia-live.com/ezy sample for more information.

Ezy sample

PUBLISHED DETAILS

In line with our policy of continuous improvement we reserve the right to make changes to product specifications, design or availability without prior notice.

Whilst every effort has been made to ensure the accuracy of our published details no acceptance can be made for liabilities relating to errors, omissions or subsequent to products. For an up-to-date copy of this book and information go to our website www.anglia-live.com.

@Anglia Components Plc 2025

We own full copyright in respect of this publication and its reproduction in part or in whole is strictly prohibited without prior written consent.

We operate a constant improvement policy, and the products in this book are subject to change without notice.

+44 (0)1945 47 47 47

Office hours :

Monday - Friday 9.00 - 17.30 and Friday 9.00 - 1700 GMT.

info@anglia-live.com

www.anglia-live.com

anglia

Website

www.anglia.com

Email

info@anglia.com

Sandall Road
Wisbech
Cambridgeshire
PE13 2PS UK

Tel: +44 (0)1945 47 47 47



angliaLive

Online Ordering

www.anglia-live.com

Email

info@anglia-live.com



AS 9120 (BS EN 9120) / ISO 9001
IECQ-CECC ISO 14001

©Anglia Components Plc 2025 thermalman 2525

