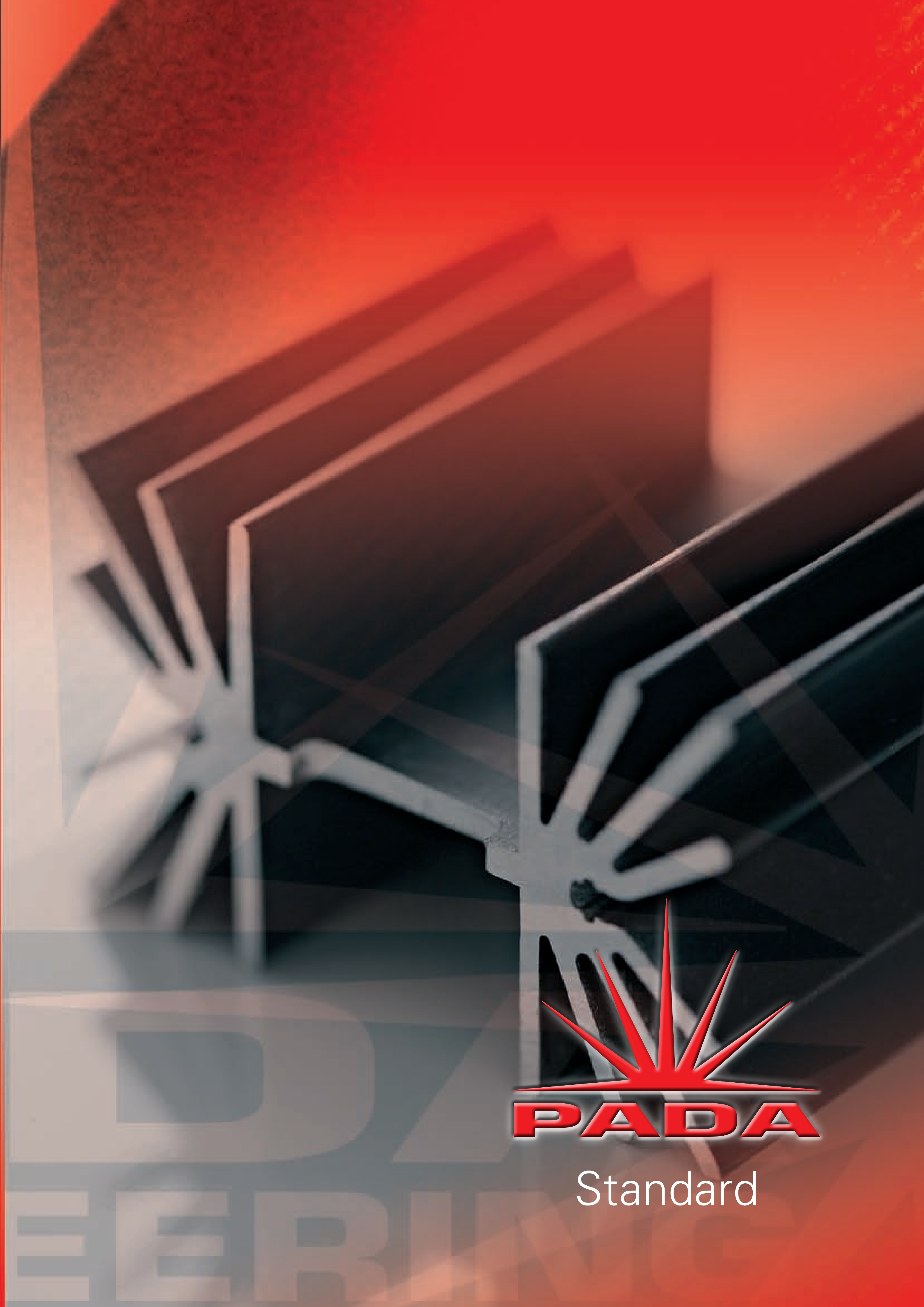
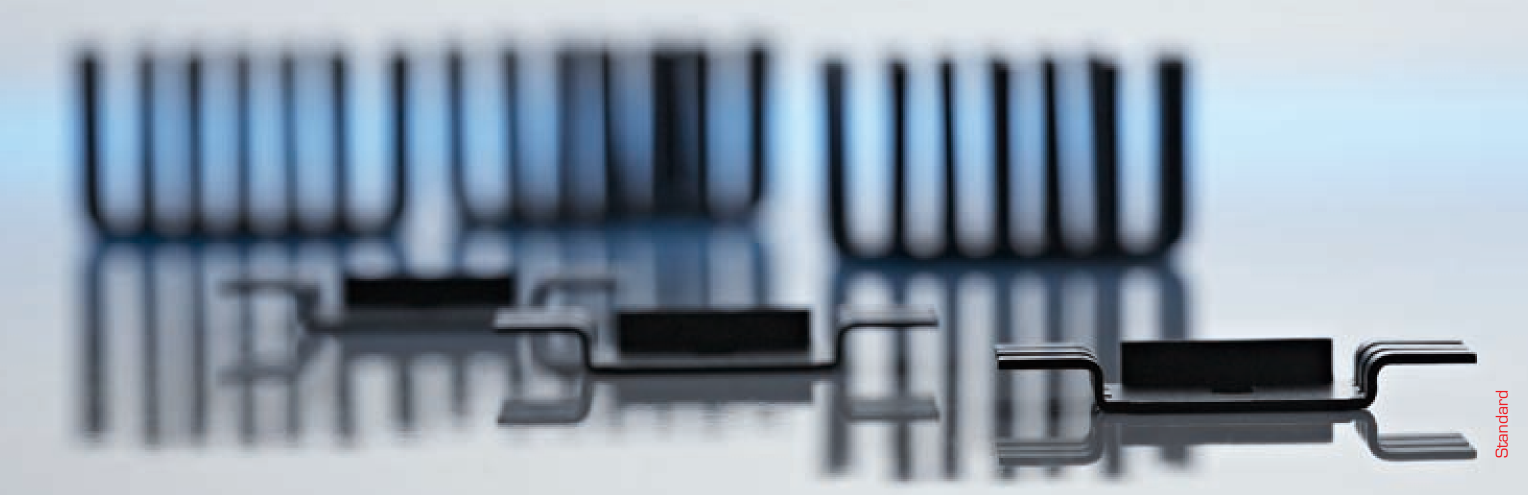

PADA
Standard

Pada has a wide range of standard heat sinks for PCB applications.
Please find in the next pages the complete list of the standards availailable on stock ready for delivery.
The heat sinks are black anodized and drilled to make easier the fixing of the components by means of screws.



Transistor heat sinks

Code Nr.	Page Nr.	Code Nr.	Page Nr.
8000	11	**8170**	9
8002	10	**8195**	11
8007	8	**8200**	17
8028	17	**8201**	22
8069	16	**8202**	23
8096	11	**8203**	23
8098	8	**8205**	22
8099	9	**8206**	23
8100	8	**8207**	23
8101	8	**8208**	24
8105	21	**8209**	10
8107	20	**8305**	11
8109	9	**8322**	10
8110	9	**8337**	14
8120	15	**8357**	14
8121	15	**8358**	23
8127	16	**8360**	17
8152	16	**8426**	12
8162	21	**8428**	15
8163	21	**8430**	22
8165	20	**8437**	13
8166	20	**8478**	24
8169	10	**8512**	24

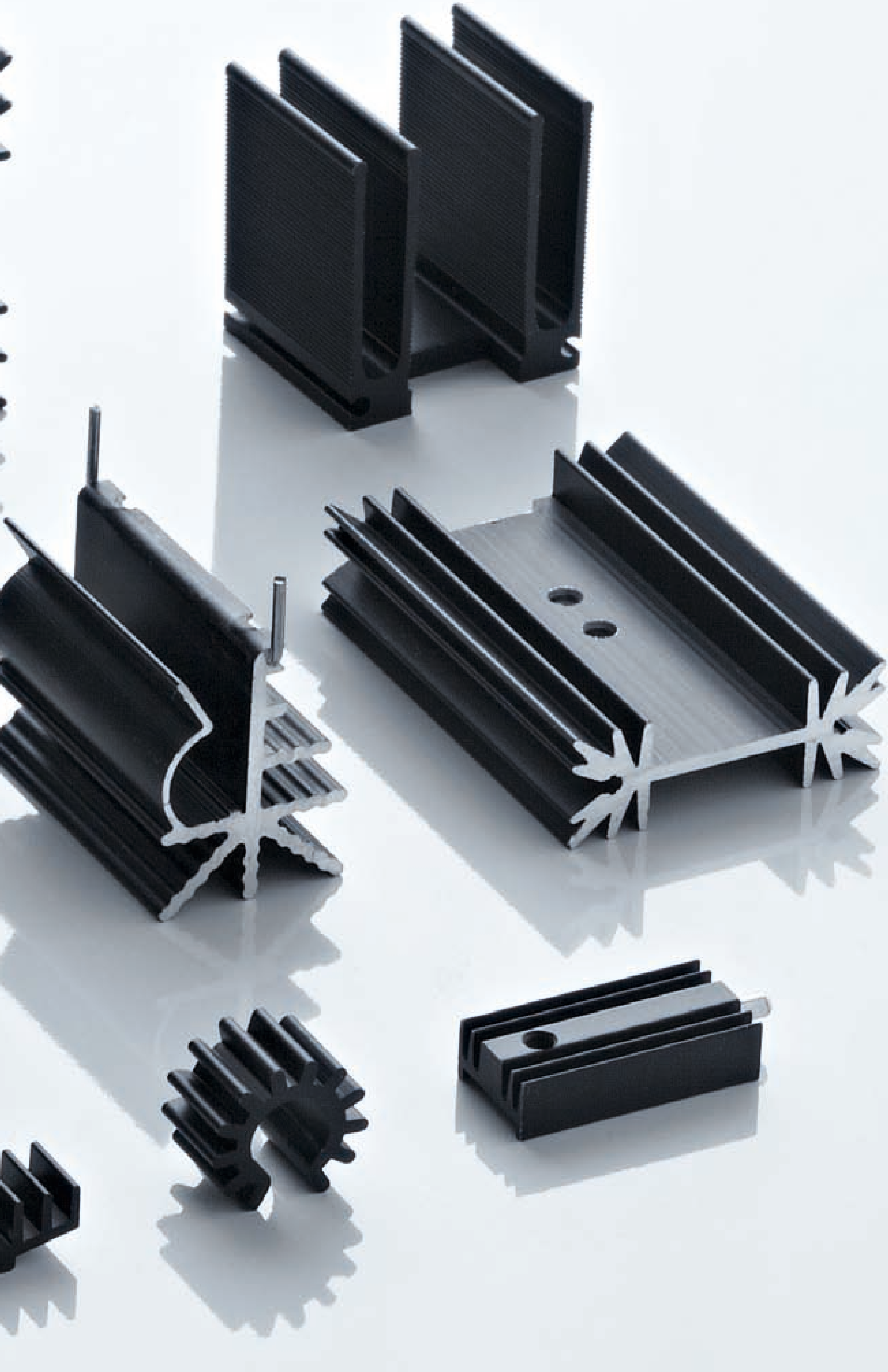
Transistor still clips

Code Nr.	Page Nr.
00002951	29
00002952	29
00002953	26
00002954	26
00002958	26
00002965	27
00002966	27
00002968	27
00002970	27
00002972	29
00002974	29
00002976	28
00002978	28
00002980	28
00002982	26
00002984	28

Contents

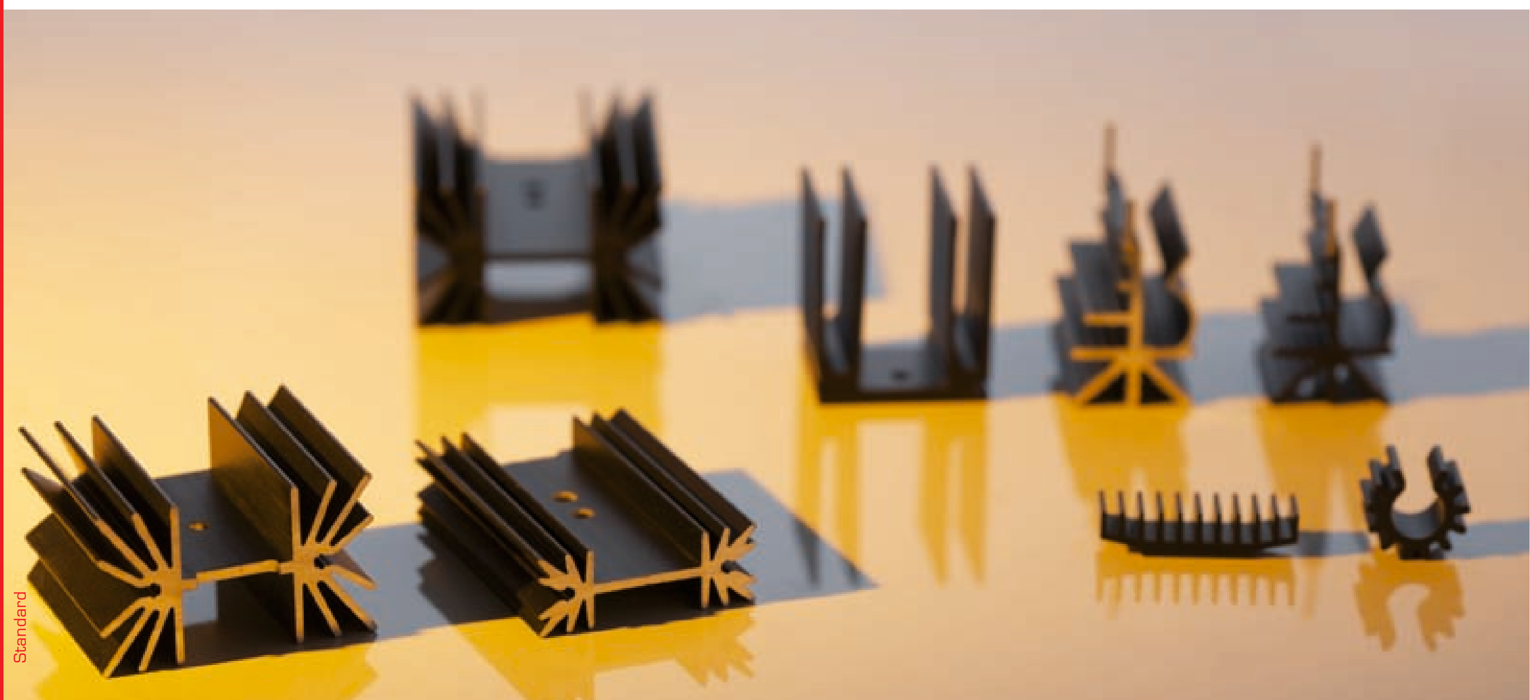
06	Standard
07	Transistor heat sinks
25	Transistor steel clips

PADA



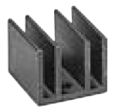
Standard

Pada has a wide range of standard heat sinks for PCB applications.
Please find in the next pages the complete list of the standards availailable on stock ready for delivery.
The heat sinks are black anodized and drilled to make easier the fixing of the components by means of screws.
A fixing of the TOs by means of clips is also possible for some of the available profiles.
If you are looking for a time savig solution to fix the heat sink to the board, have a look to the items equipped with weldable pins.
The standard heat sinks are available in packages of 200 and/or 500 pieces.
Please contact PADA to design together new solutions to solve your dissipation needs.



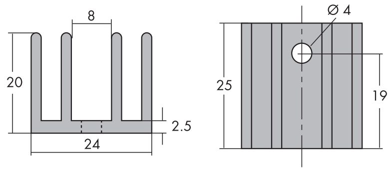
Transistor heat sinks

8007

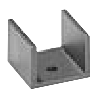


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003050	8007/25/ST	25	13,5	

HOLES LAYOUT FOR CASING: TO247

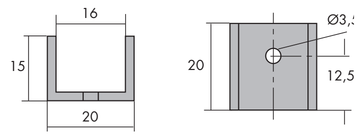


8098

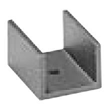


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003255	8098/25/ST	20	20	

HOLES LAYOUT FOR CASING: TO220

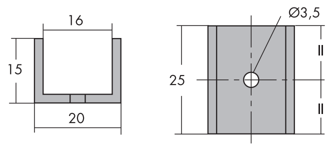


8100

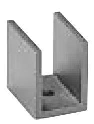


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003257	8100/25/ST	25	18	

HOLES LAYOUT FOR CASING: TO220

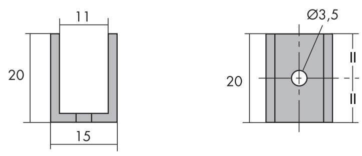


8101



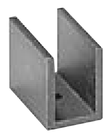
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003305	8101/20/ST	20	20	

HOLES LAYOUT FOR CASING: TO220



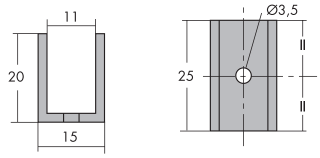
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

8110

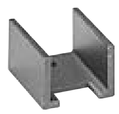


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003330	8110/25/ST	25	18	

HOLES LAYOUT FOR CASING: TO220

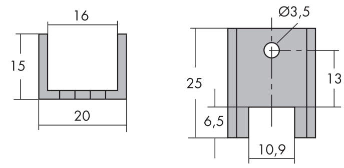


8099

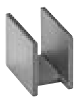


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003256	8099/25/ST	25	18	

HOLES LAYOUT FOR CASING: TO220

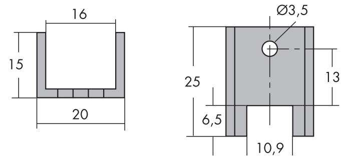


8109

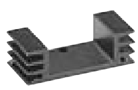


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003310	8109/25/ST	25	18	

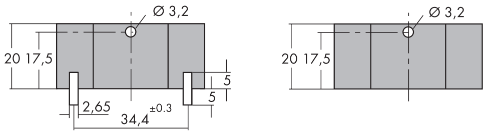
HOLES LAYOUT FOR CASING: TO220



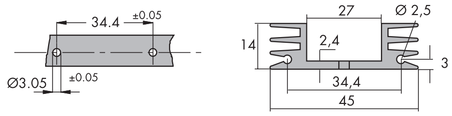
8170



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003550	8170/20/ST	20	11,2	
P0003550	8170/20/ST	20	11,2	2,65



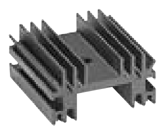
RECOMMENDED PCB HOLES LAYOUT



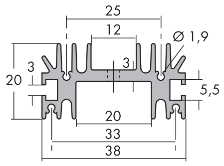
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

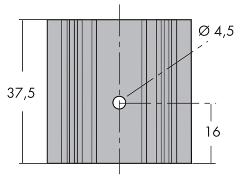
Transistor heat sinks

8322

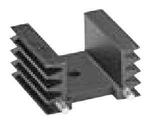


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003688	8322/37,5/ST	37,5	8	



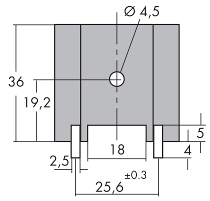


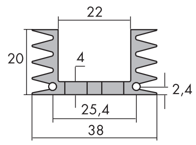
8209

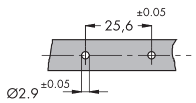


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003660	8209/36/ST	36	9,5	
P0003660	8209/36/ST	36	9,5	2,5

HOLES LAYOUT FOR CASING: TO220

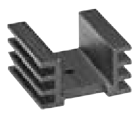






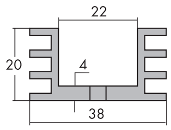
RECOMMENDED PCB HOLES LAYOUT

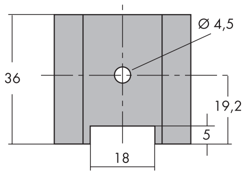
8002



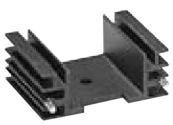
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003035	8002/36/ST	36	9	

HOLES LAYOUT FOR CASING: TO220



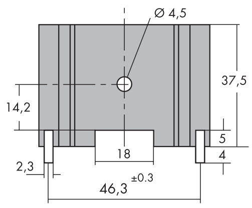


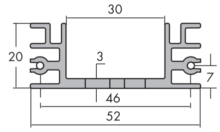
8169

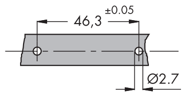


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003540	8169/37,5/ST	37,5	8	
P0003540	8169/37,5/ST	37,5	8	2,3

HOLES LAYOUT FOR CASING: TO220



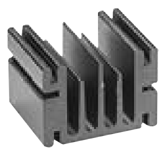




RECOMMENDED PCB HOLES LAYOUT

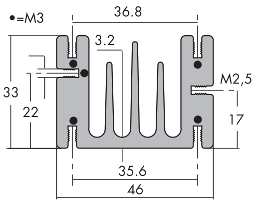
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

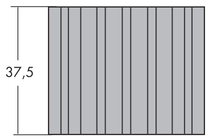
8000



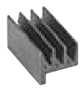
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003010	8000/37,5/ST	37,5	4,2	

HOLES LAYOUT FOR CASING: 2xTO220



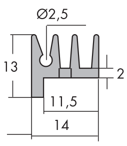


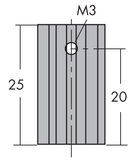
8096



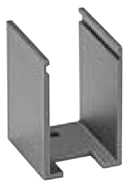
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003250	8096/25/ST	25	18	

HOLES LAYOUT FOR CASING: TO220



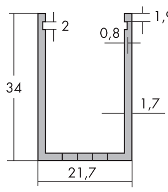


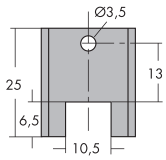
8195



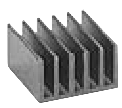
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003560	8195/25/ST	25	12,5	

HOLES LAYOUT FOR CASING: TO220

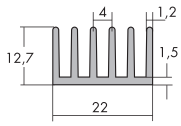


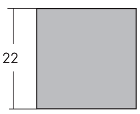


8305



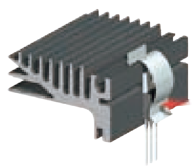
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003680	8305/22/ST	22	15	





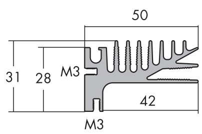
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

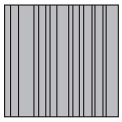
Transistor heat sinks

8426


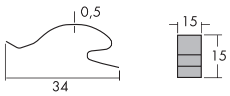
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003775	8426/50/STB	50	3	

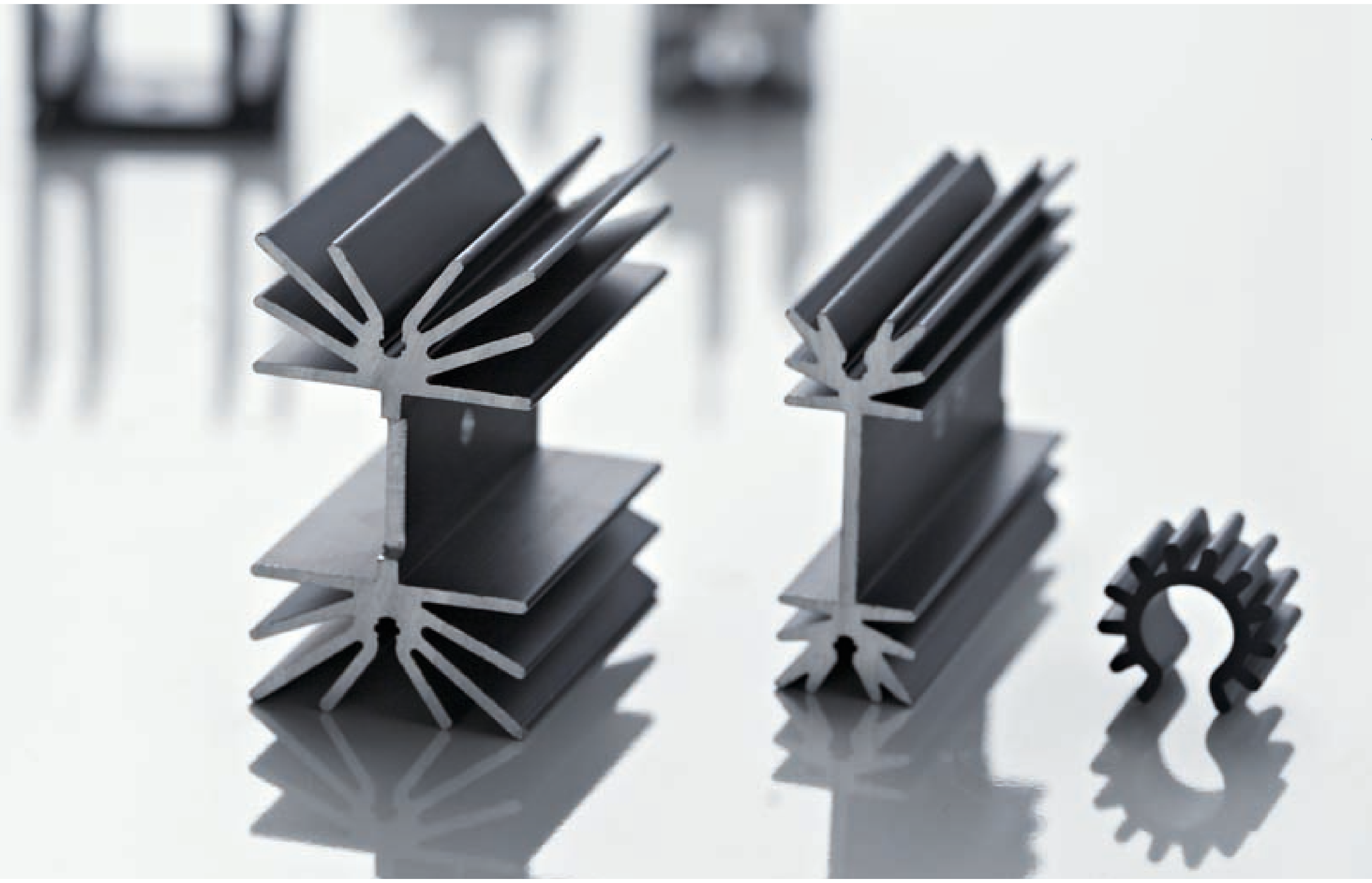
MATCHING CLIP: 00002953





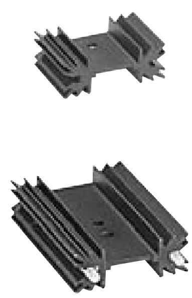
00002953





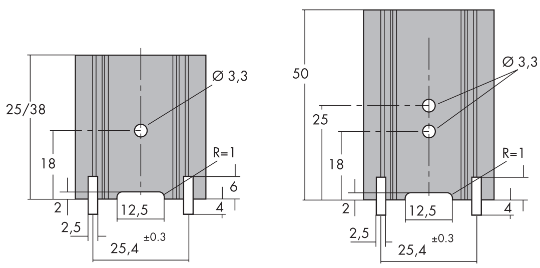
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

8358

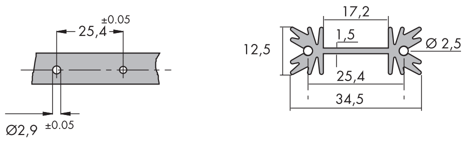


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003730	8358/25/STB	25	14	
P0003730	8358/25/STB Pin	25	14	2,5
00003752	8358/25/ST	25	14	
P0003752	8358/25/ST Pin	25	14	2,5
00003740	8358/38/STB	38	11,5	
P0003740	8358/38/ST Pin	38	11,5	2,5
00003754	8358/38/ST	38	11,5	
P0003754	8358/38/ST Pin	38	11,5	2,5
00003750	8358/50/STB	50	9,5	
P0003750	8358/50/STB Pin	50	9,5	2,5
00003756	8358/50/ST	50	9,5	
P0003756	8358/50/ST Pin	50	9,5	2,5

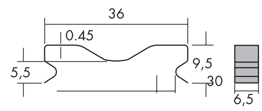
HOLES LAYOUT FOR CASING: SOT.32-TO220
MATCHING CLIP: 00002952



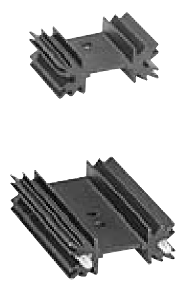
RECOMMENDED PCB HOLES LAYOUT



00002952

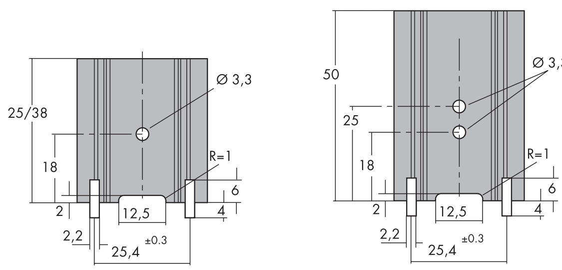


8437

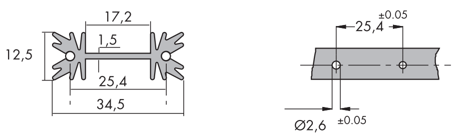


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003830	8437/25/STB	25	14	
P0003830	8437/25/STB Pin	25	14	2,2
00003852	8437/25/ST	25	14	
P0003852	8437/25/ST Pin	25	14	2,2
00003840	8437/38/STB	38	11,5	
P0003840	8437/38/ST Pin	38	11,5	2,2
00003854	8437/38/ST	38	11,5	
P0003854	8437/38/ST Pin	38	11,5	2,2
00003850	8437/50/STB	50	9,5	
P0003850	8437/50/STB Pin	50	9,5	2,2
00003856	8437/50/ST	50	9,5	
P0003856	8437/50/ST Pin	50	9,5	2,2

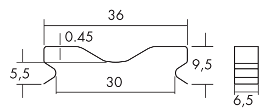
HOLES LAYOUT FOR CASING: SOT.32-TO220
MATCHING CLIP: 00002952



RECOMMENDED PCB HOLES LAYOUT



00002952

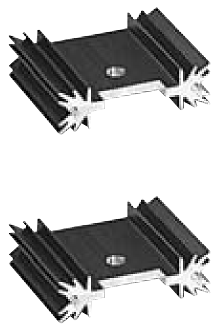


Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

PADA

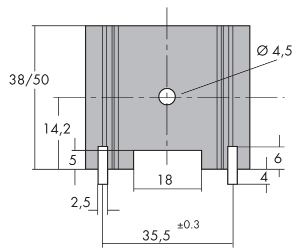
Transistor heat sinks

8357

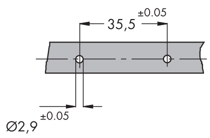


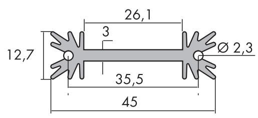
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003710	8357/38/STB	38	9	
P0003710	8357/38/STB Pin	38	9	2,5
00003722	8357/38/ST	38	9	
P0003722	8357/38/ST Pin	38	9	2,5
00003720	8357/50/STB	50	7	2,5
P0003720	8357/50/STB Pin	50	7	
00003724	8357/50/ST	50	7	
P0003724	8357/50/ST Pin	50	7	2,5

MATCHING CLIP: 00002951

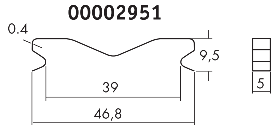


RECOMMENDED PCB HOLES LAYOUT

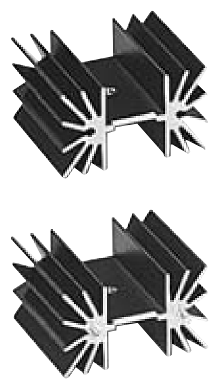




00002951

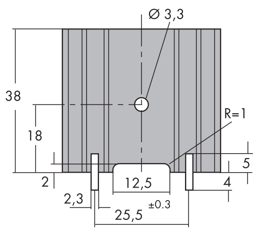


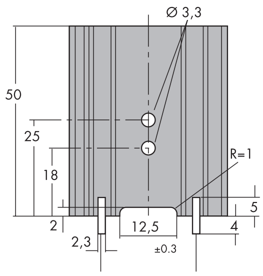
8337



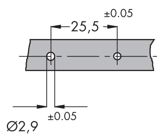
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003689	8337/25/ST	25	13	
P0003689	8337/25/ST	25	13	2,3
00003695	8337/38/STB	38	10,5	
P0003695	8337/38/STB Pin	38	10,5	2,3
00003690	8337/38/ST	38	10,5	
P0003990	8337/38/ST Pin	38	10,5	2,3
00003722	8337/50/STB	50	8,5	
P0003722	8337/50/ST Pin	50	8,5	2,3
00003724	8337/50/ST	50	8,5	
P0003724	8337/50/ST Pin	50	8,5	2,3

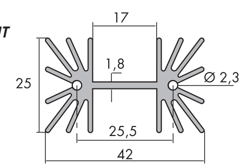
MATCHING CLIP: 00002954



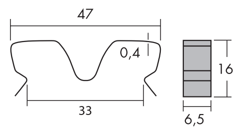


RECOMMENDED PCB HOLES LAYOUT



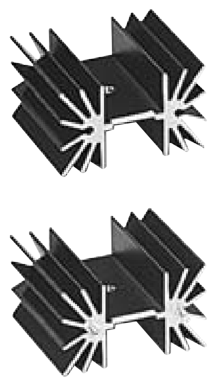


00002954



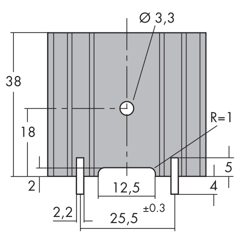
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

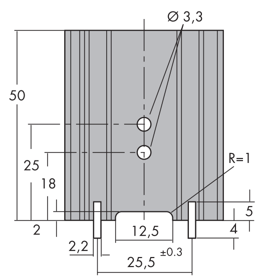
8428



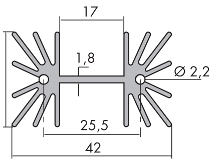
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
P0003889	8428/25/ST Pin	25	12,3	2,2
P0003894	8428/25/STB Pin	25	12,3	2,2
00003895	8428/38/STB	38	9	
P0003895	8428/38/STB Pin	38	9	2,2
00003890	8428/38/ST	38	9	
P0003890	8428/38/ST Pin	38	9	2,2
00003896	8428/50/STB	50	8,2	
P0003896	8428/50/STB Pin	50	8,2	2,2
00003891	8428/50/ST	50	8,2	
P0003891	8428/50/ST Pin	50	8,2	2,2

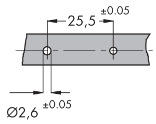
MATCHING CLIP: 00002954

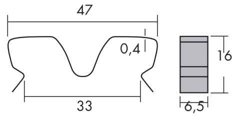




RECOMMENDED PCB HOLES LAYOUT



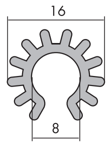


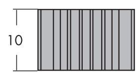


8120

Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003340	8120/10/ST	10	72	

HOLES LAYOUT FOR CASING: TO5

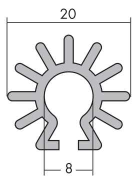


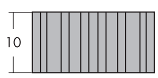


8121

Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003350	8121/10/ST	10	56	

HOLES LAYOUT FOR CASING: TO5

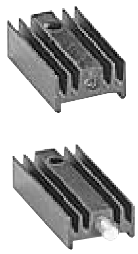




Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

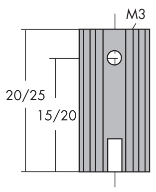
Transistor heat sinks

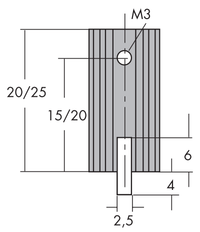
8152



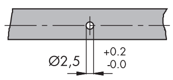
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003420	8152/20/ST	20	41	
P0003420	8152/20/ST Pin	20	41	2,5
00003430	8152/25/ST	25	39	
P0003430	8152/25/ST Pin	25	39	2,5

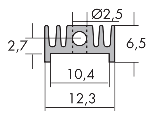
HOLE LAYOUT FOR CASING: T0220



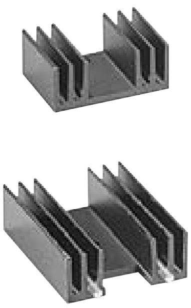


RECOMMENDED PCB HOLES LAYOUT



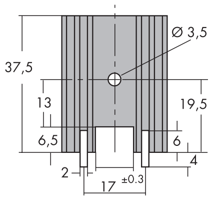


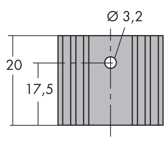
8127



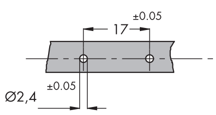
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003370	8127/20/ST	20	13	
P0003370	8127/20/ST Pin	20	13	2
00003380	8127/37,5/ST	37,5	11	
P0003380	8127/37,5/ST Pin	37,5	11	2

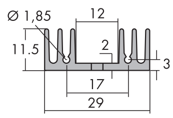
HOLE LAYOUT FOR CASING: SOT.32-T0220



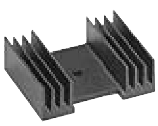


RECOMMENDED PCB HOLES LAYOUT



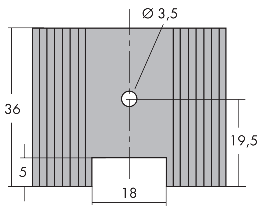


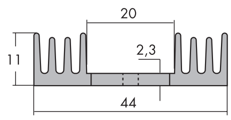
8069



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003200	8069/36/ST	36	10,6	

HOLE LAYOUT FOR CASING: TOP3

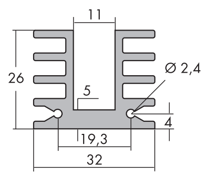


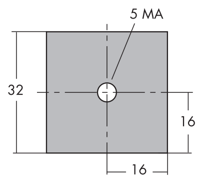


Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

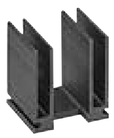
8360

Item Number	Description	Lenght (mm)	Rth(°C/W)	Ø Pins (mm)
00003700	8360/32/ST	32	10	

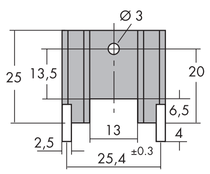


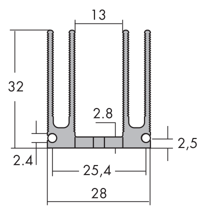


8028

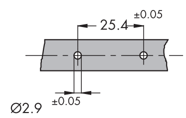


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003060	8028/25/ST	25	10,5	





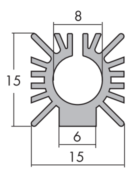
RECOMMENDED PCB HOLES LAYOUT

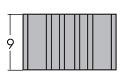


8200

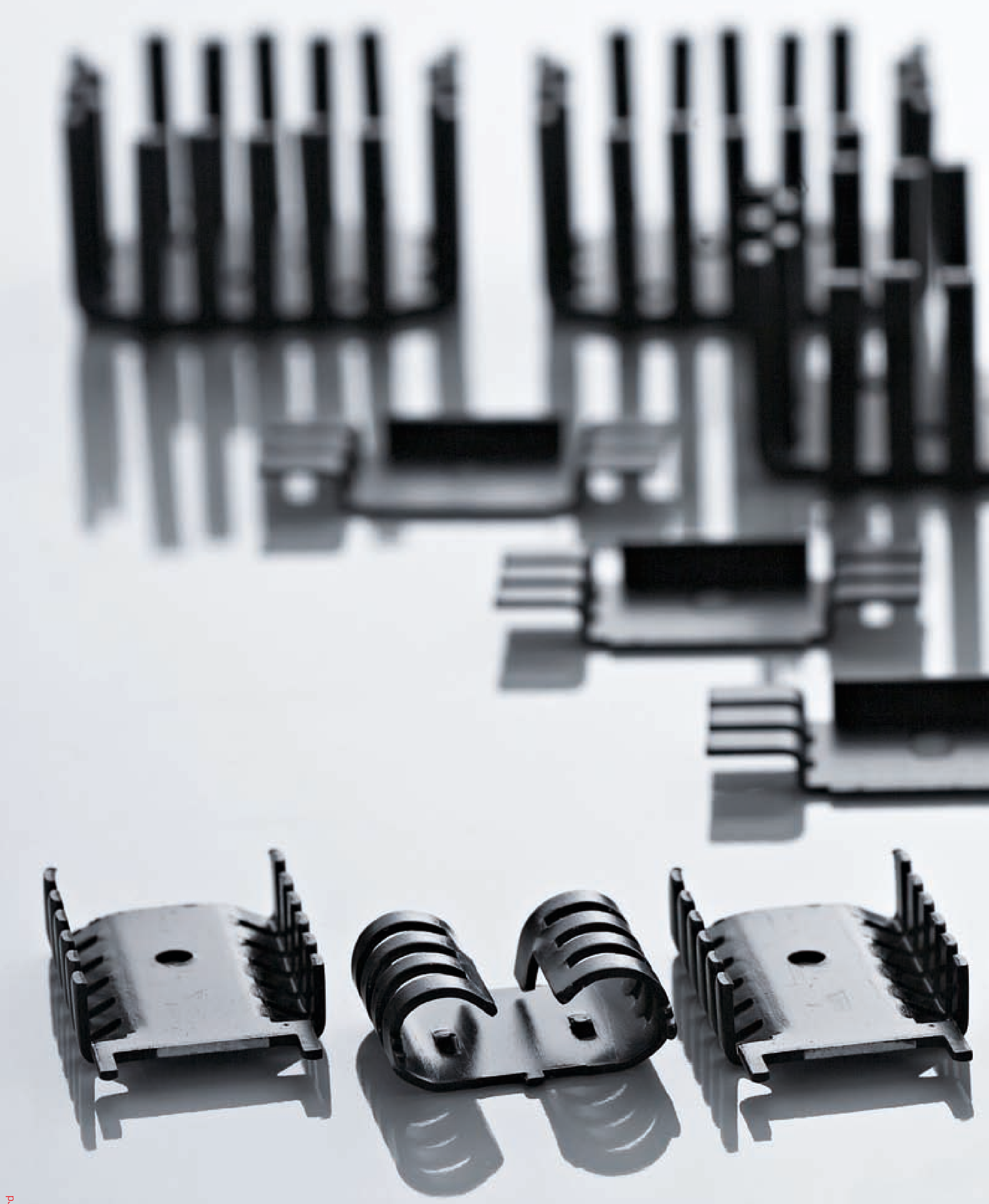
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003570	8200/9/ST	9	54	

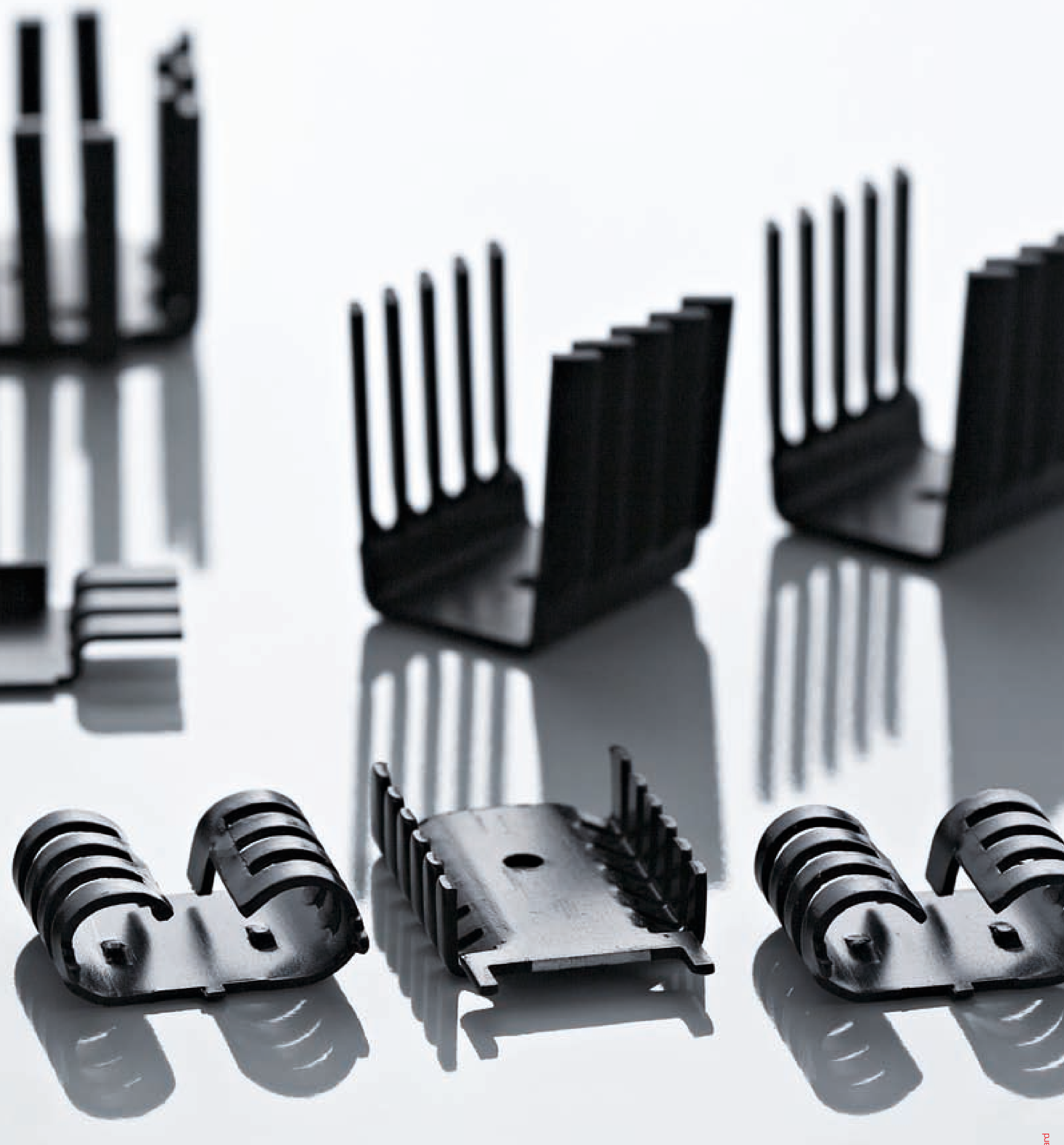
HOLE LAYOUT FOR CASING: T05



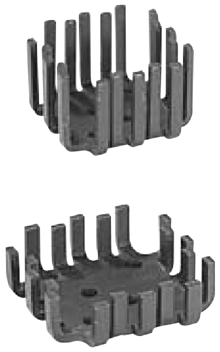


Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)



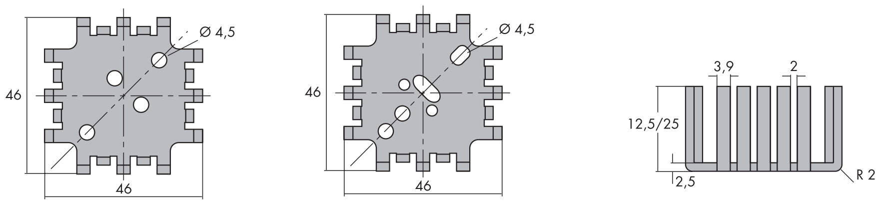


8107



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003270	8107/25/ST	25	7	

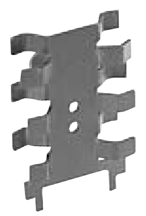
HOLE LAYOUT FOR CASING: TO3



Item Number	Description	Lenght (mm)	Rth(°C/W)	Ø Pins (mm)
00003285	8107/25/ST	25	7	

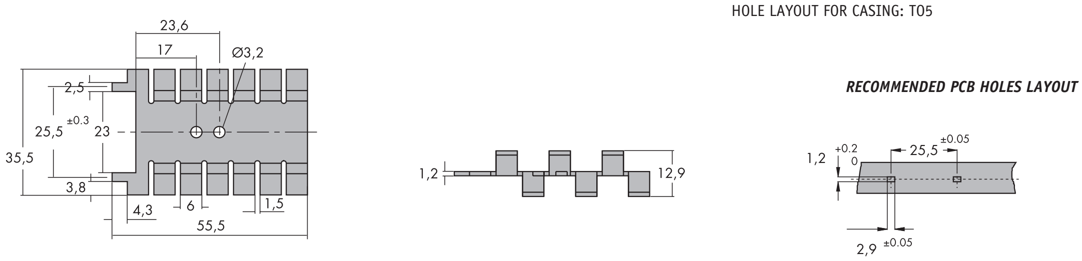
HOLE LAYOUT FOR CASING: COMB

8166

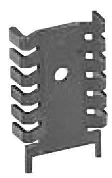


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003500	8166/55,5/ST	55,5	14	

HOLE LAYOUT FOR CASING: TO5

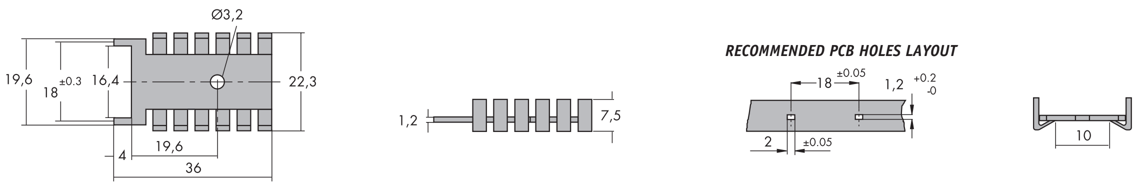


8165



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003490	8165/36/ST	36	14	

HOLE LAYOUT FOR CASING: TO66-TO220

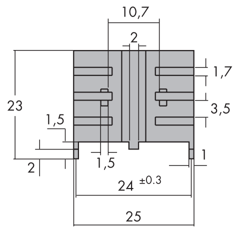


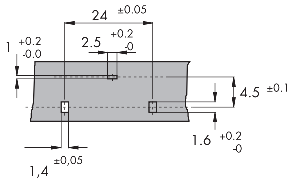
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

8162

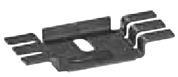
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003460	8162/20/ST	20	32	

HOLE LAYOUT FOR CASING: TO220



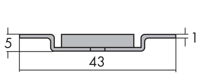


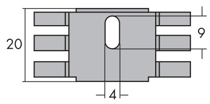
8105



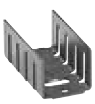
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003259	8105/20/ST	20	25	

HOLE LAYOUT FOR CASING: TO220



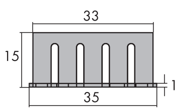


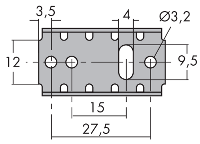
8163



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003470	8163/35/ST	35	20	

HOLE LAYOUT FOR CASING: TO66-TO220

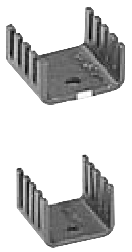




Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

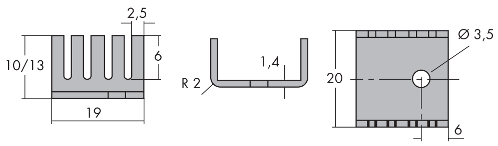
Transistor heat sinks

8201

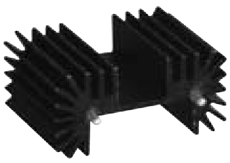


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003575	8201/19/ST H10	19	30	
00003580	8201/19/ST H13	19	29	

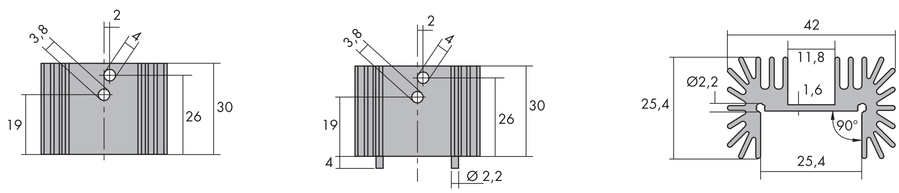
HOLE LAYOUT FOR CASING: TO220



8430



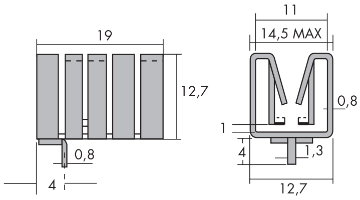
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003757	8430/30/ST	30	6	
P0003757	8430/30/ST Pin	30	6	2,2



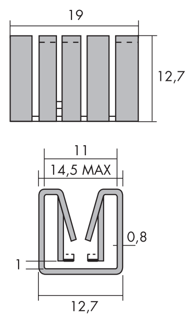
8205

Item Number	Description	Lenght (mm)	Rth(°C/W)	Ø Pins (mm)
00003766	8205/19/ST Oriz	19	16	
00003764	8205/19/ST Vert	19	16	
00003768	8205/19/ST No Pin	19	16	

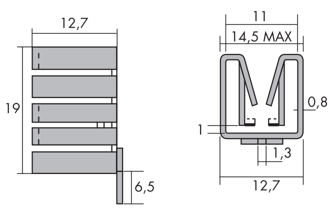
00003766



00003768

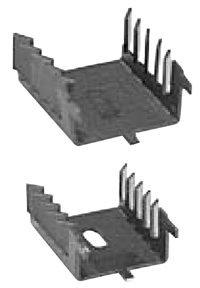


00003764



Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

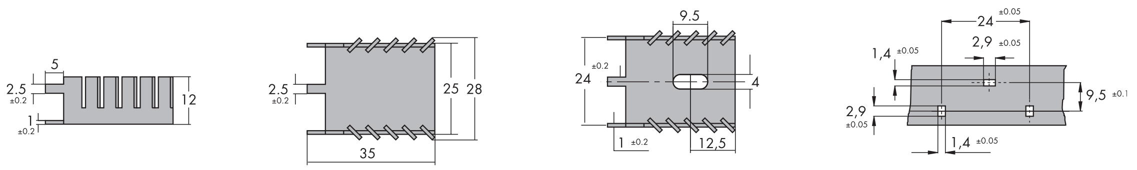
8202



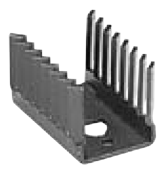
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003575	8202/35/ST	35	16	
00003590	8202/35/ST asola	35	16	

HOLE LAYOUT FOR CASING: TO220

RECOMMENDED PCB HOLES LAYOUT

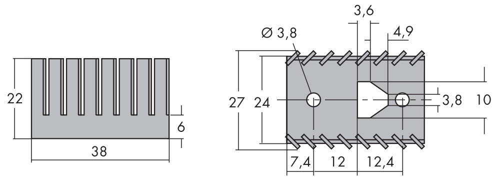


8203

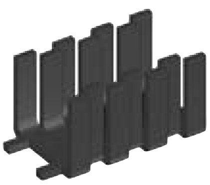


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003600	8203/38/ST	38	14	

HOLE LAYOUT FOR CASING: TO220

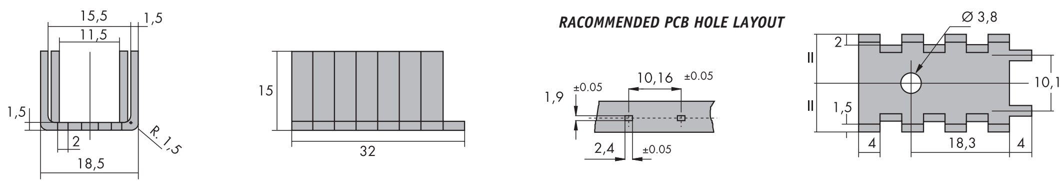


8206



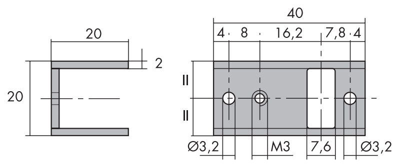
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003762	8206/32/ST	32	14	

RACOMMENDED PCB HOLE LAYOUT



8207
Series

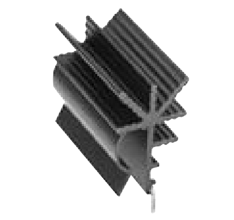
Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003760	8207/40/ST	40	17	



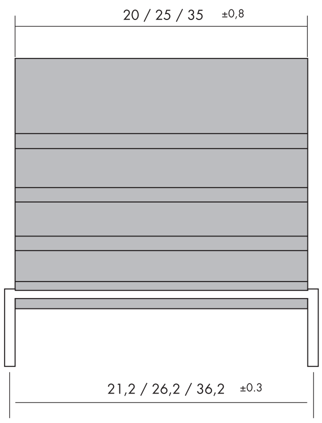
Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

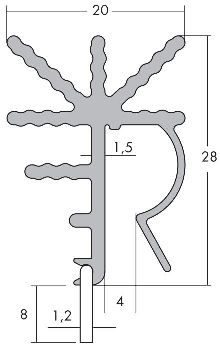
Transistor heat sinks

8478

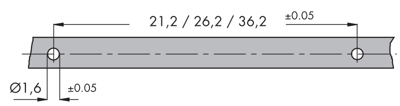


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
P0003775	8478/20/ST Pin	20	7	1,3
P0003780	8478/25/ST Pin	25	7	1,3
P0003785	8478/35/ST Pin	35	6	1,3

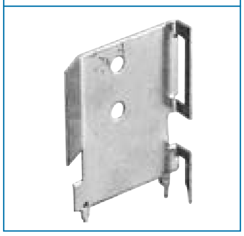




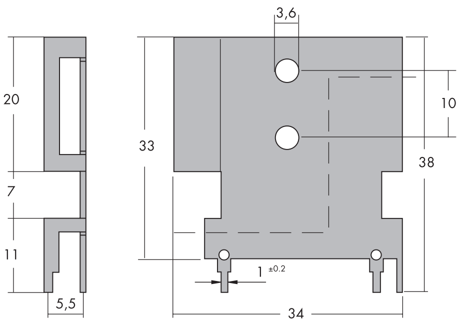
RECOMMENDED PCB HOLES LAYOUT

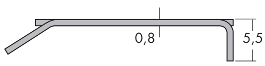


8208

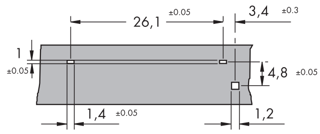


Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003790	Cu 8208/38/ST	38	10	

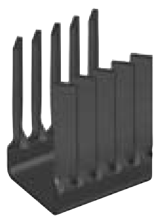




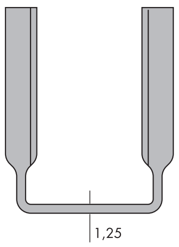
RECOMMENDED PCB HOLES LAYOUT

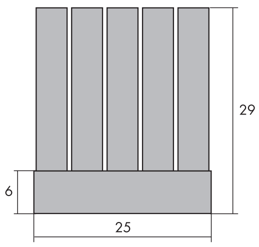


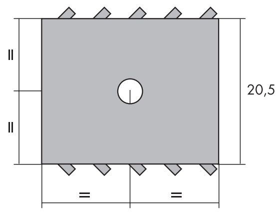
8512



Item Number	Description	Length (mm)	Rth(°C/W)	Ø Pins (mm)
00003900	8512/25/ST	25	18	





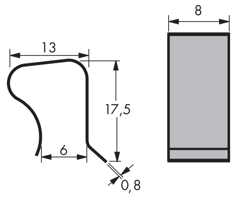


Drawings scale 1:2
Dimensions are subject to extrusion tolerances EN 755 - 9 (Aluminium and aluminium alloys)

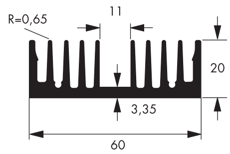
Transistor steel clips

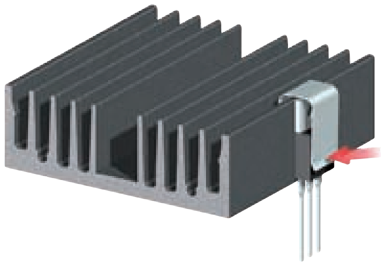
00002982

Material	Finishing
Steel C67S EN 10132-4	White Zinced



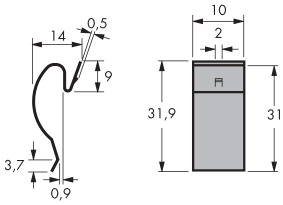
8495
R=5 L=50 P=1,500



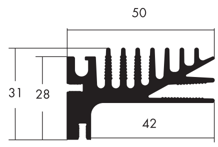


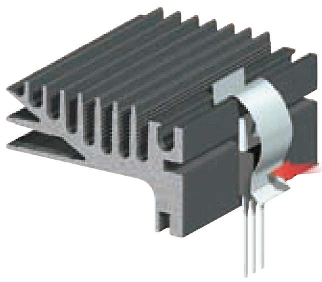
00002953

Material	Finishing
Steel C67S EN 10132-4	Nickel Plated



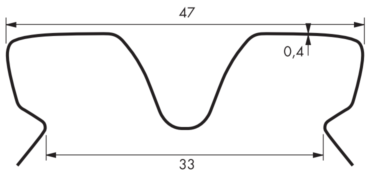
8426
R=3 L=50 P=1,390
A=511 p=408



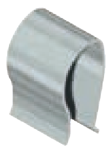


00002954

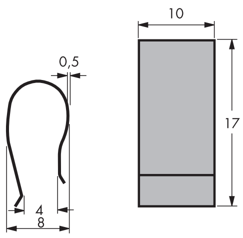
Material	Finishing
Steel C67S EN 10132-4	Nickel Plated



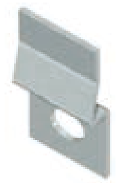
00002958



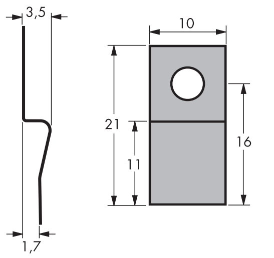
Material	Finishing
Steel C67S EN 10132-4	White Plated



00002965

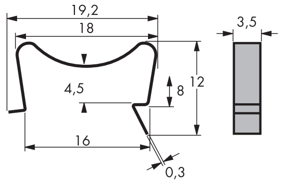


Material	Finishing
Steel C67S EN 10132-4	White Zinced



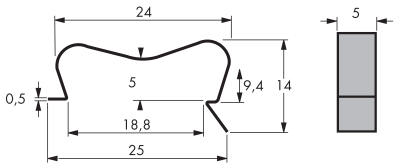
00002966

Material	Finishing
St. Steel AISI 301	-



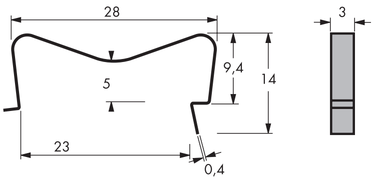
00002968

Material	Finishing
St. Steel AISI 301	-



00002970

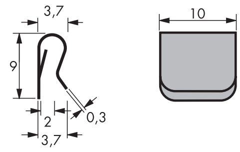
Material	Finishing
Steel C67S EN 10132-4	Phosphatizing



Transistor steel clips

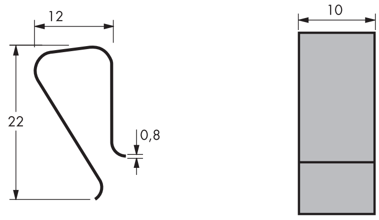
00002980

Material	Finishing
St. Steel AISI 301	-



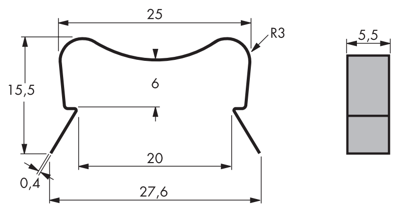
00002984

Material	Finishing
Steel C67S EN 10132-4	Phosphatizing



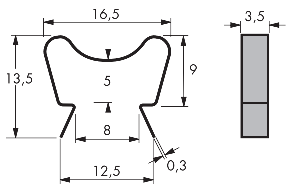
00002976

Material	Finishing
St. Steel AISI 301	-



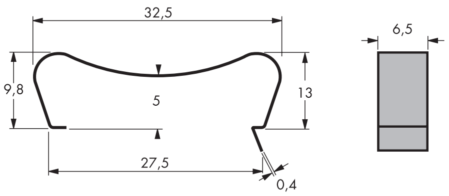
00002978

Material	Finishing
St. Steel AISI 301	-



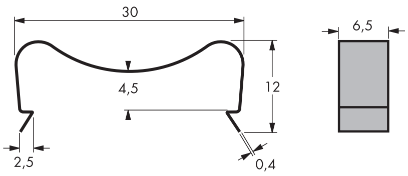
00002972

Material	Finishing
St. Steel AISI 301	-



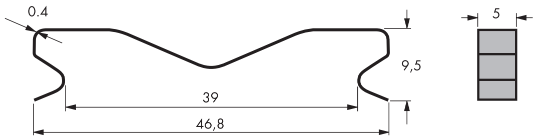
00002974

Material	Finishing
St. Steel AISI 301	-



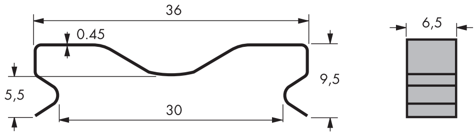
00002951

Material	Finishing
Steel C67S EN 10132-4	Nickel Plated



00002952

Material	Finishing
Steel C67S EN 10132-4	Nickel Plated



Notes

PADA

Notes

pada
STANDARD

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SINCERT

PADA

PADA ENGINEERING S.r.l.

Via G.B. Pirelli 11
I – 61030 Saltara (PU) - Italy

Tel. +39 0721 899555
Fax +39 0721 897064

Email: pada@pada.it
Web: www.pada.it