

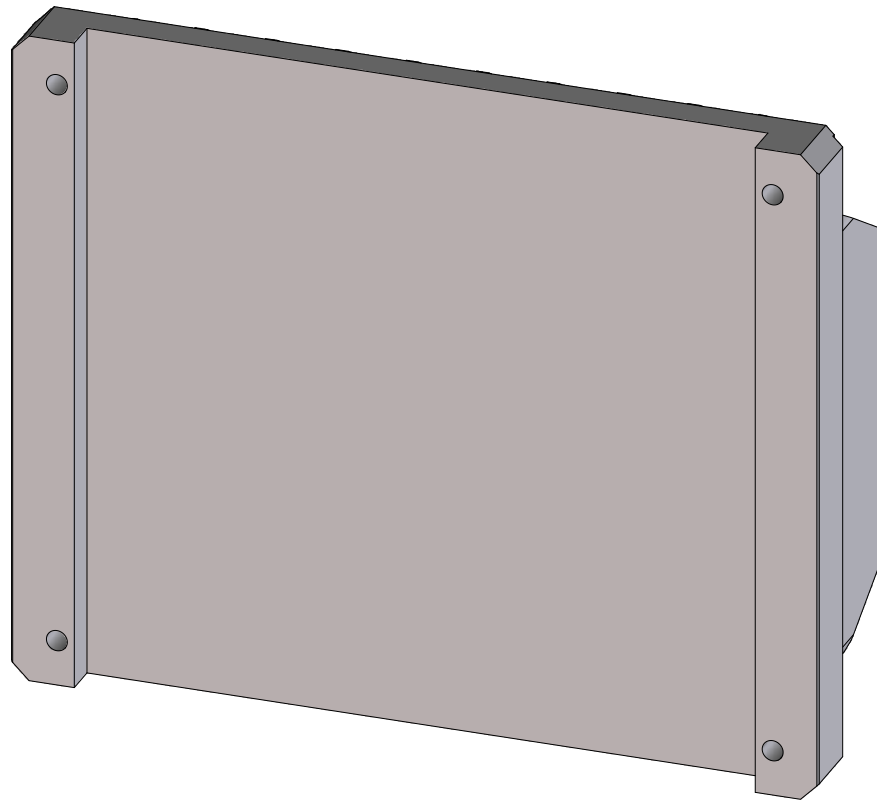
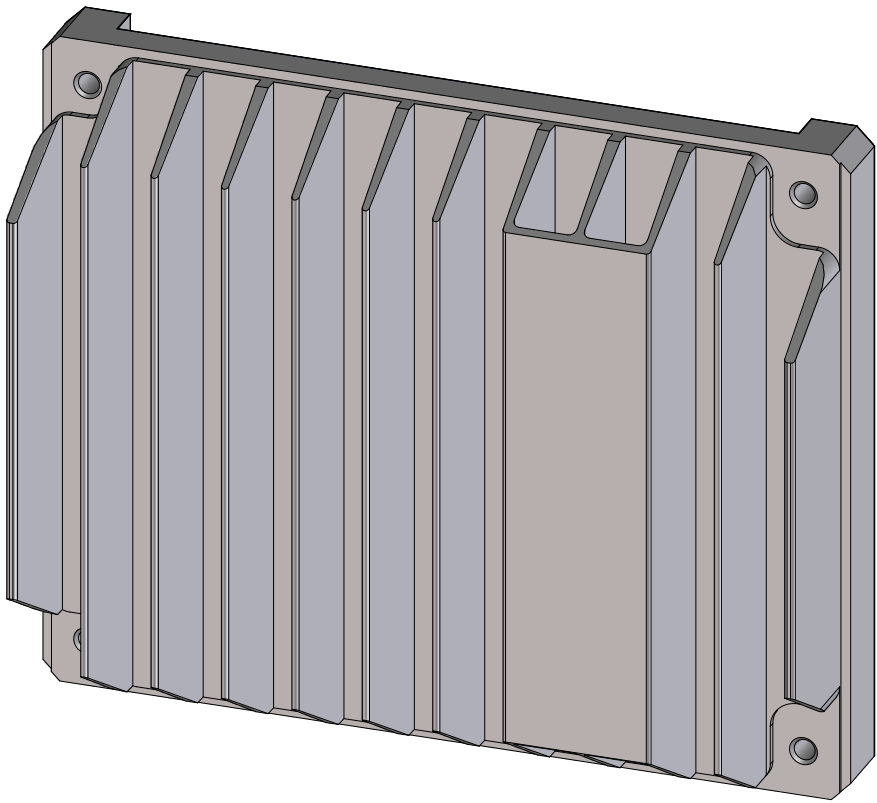
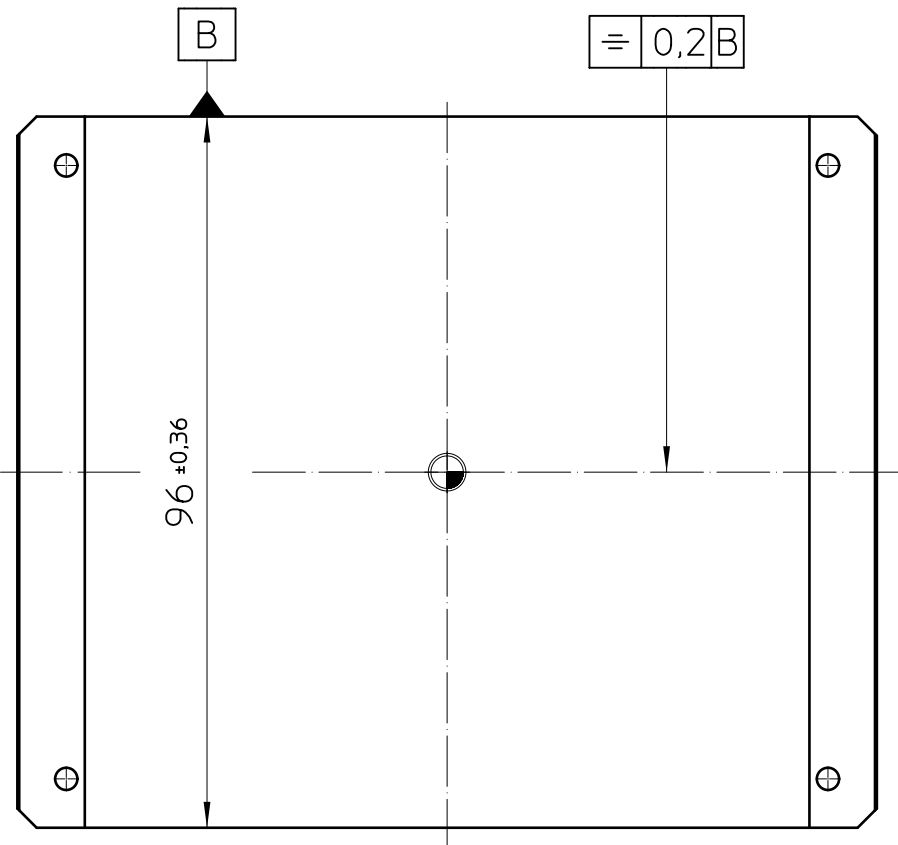
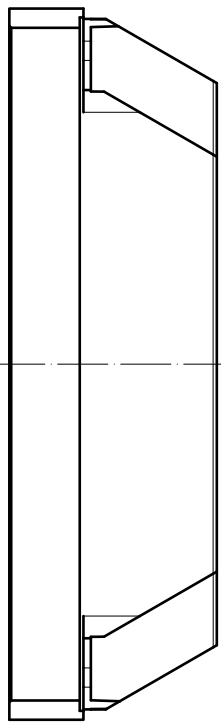
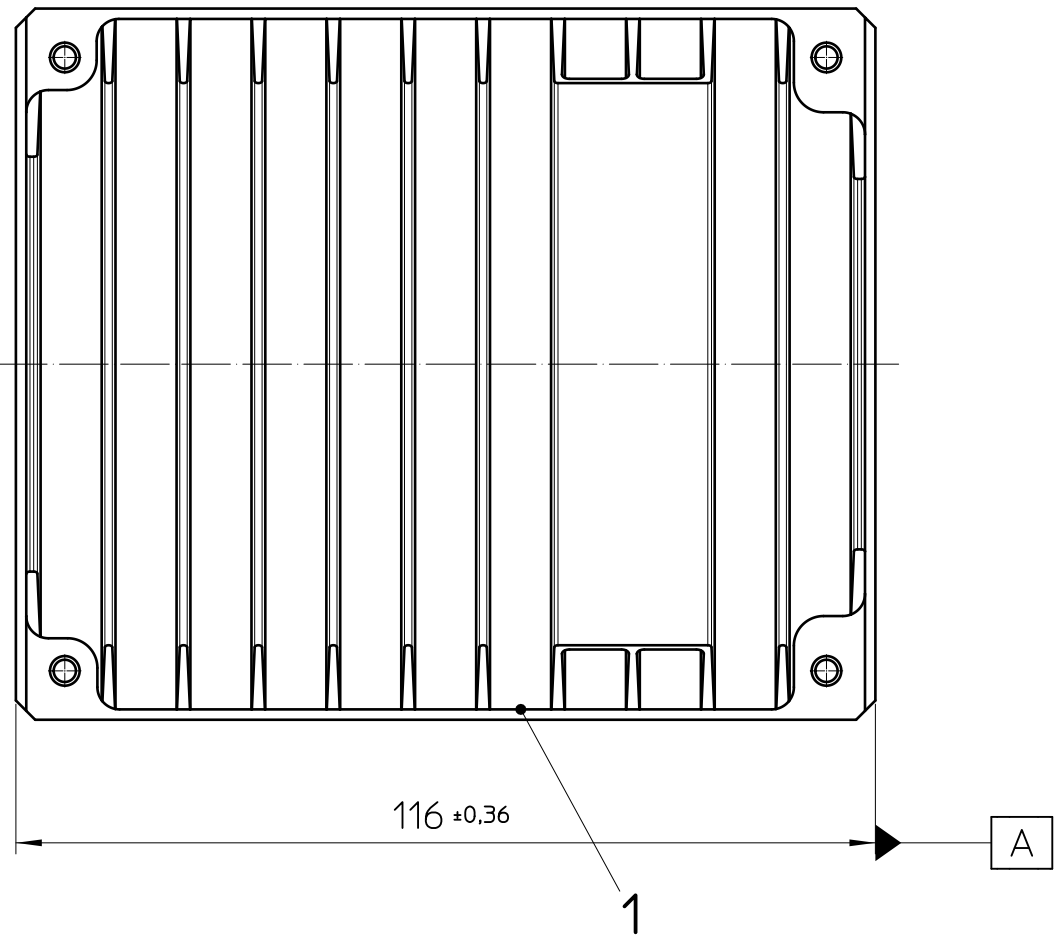
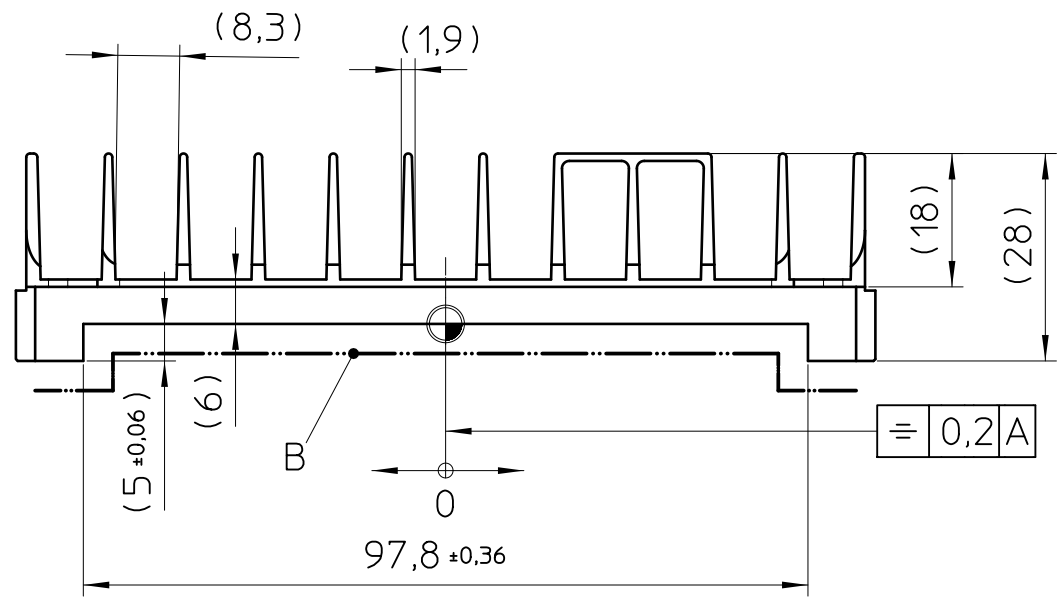
A

B

Transfer or duplication of this document as well as the utilisation or communication of its content are not permitted unless express consent is granted. Violations give rise to claims for damages. All rights reserved in case of patent, utility model or design patent registrations. Tolerance specifications do not include clearances inherent in the design.

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patent-, Gebrauchsmuster- oder Designeintragung vorbehalten. Bauartbedingtes Spiel ist in den Toleranzangaben nicht berücksichtigt.

HEATSINK



A

B

C

D

- General Information:
- Workpiece zero point for mechanical processing
 - Tolerances for mechanical processing are ISO 2768-fH
 - Tolerances for printing DIN ISO 2768-m
 - Machining radii min. R3, further on request
 - Web: www.phoenixcontact.com webcode: #0854

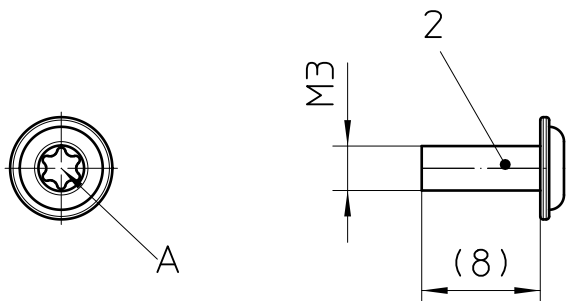
- Additional Information:
- A. Torx T 10
- Page 1 - Standard Heatsink
 - Page 2 - Customization opportunities
 - Page 3 - Application example

- Applicable for UCS Half housings:
UCS HH 145-125, ... 195-145, ... 237-195

E

F

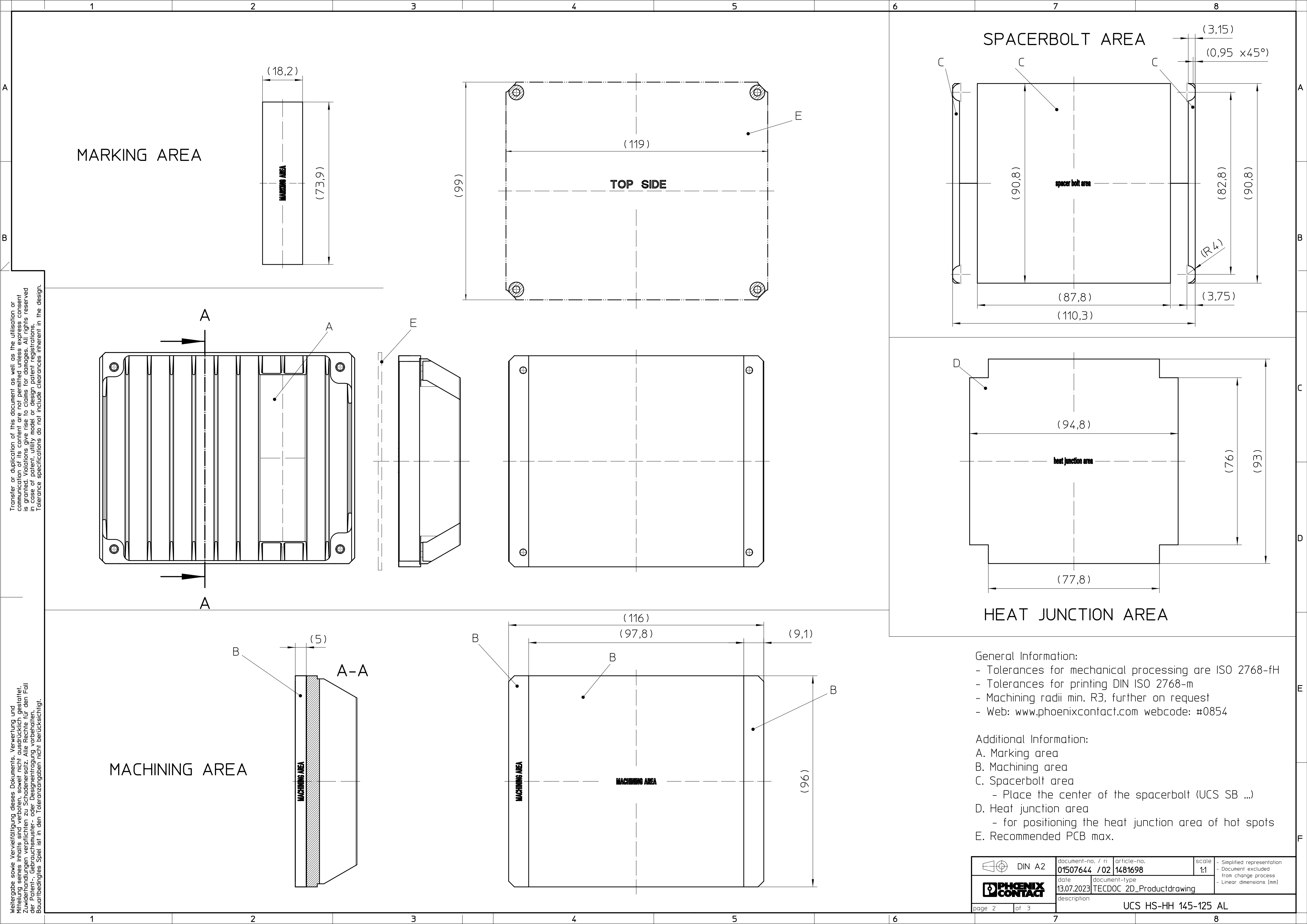
SCREW



2:1

KIT (not mounted)				
Pos.	QTY	Description	Material	Surface
1	1	HEATSINK	AL	anodized
2	4	BUTTON HEAD SCREW	STL	galvanized

 DIN A2	document-no. / ri	article-no.	scale	- Simplified representation - Document excluded from change process - Linear dimensions [mm]
	01507644 / 02	1481698	1:1	
	date		document-type	
	13.07.2023		TECDOC 2D_Productdrawing	
description		UCS HS-HH 145-125 AL		
ge 1	of 3			



Transfer or duplication of this document as well as the utilisation or communication of its content are not permitted unless express consent is granted. Violations give rise to claims for damages. All rights reserved in case of patent, utility model or design patent registrations. Tolerance specifications do not include clearances inherent in the design.

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadensersatz. Alle Rechte für den Fall der Patent-, Gebrauchsmuster- oder Designeintragung vorbehalten. Bauartbedingtes Spiel ist in den Toleranzangaben nicht berücksichtigt.

General Information:

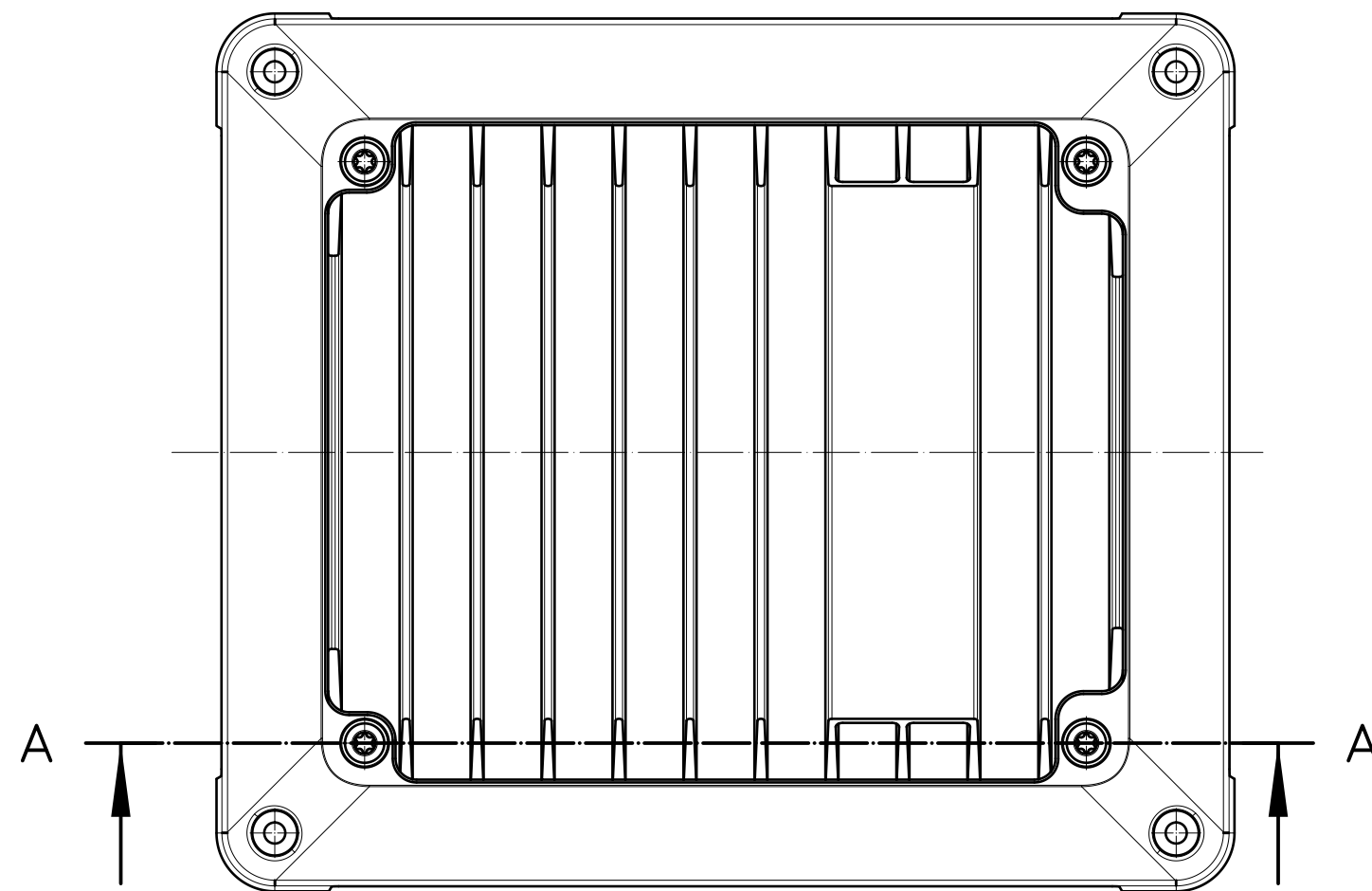
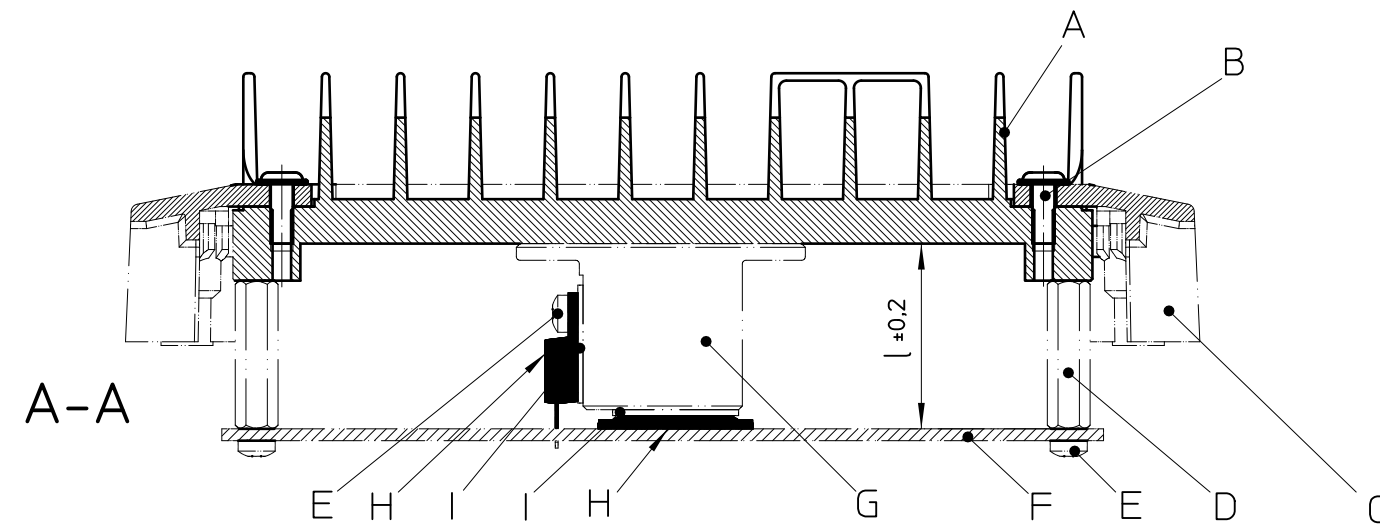
- Tolerances for mechanical processing are ISO 2768-fH
- Tolerances for printing DIN ISO 2768-m
- Machining radii min. R3, further on request
- Web: www.phoenixcontact.com webcode: #0854

Additional Information:

- A. Marking area
- B. Machining area
- C. Spacerbolt area
 - Place the center of the spacerbolt (UCS SB ...)
- D. Heat junction area
 - for positioning the heat junction area of hot spots
- E. Recommended PCB max.

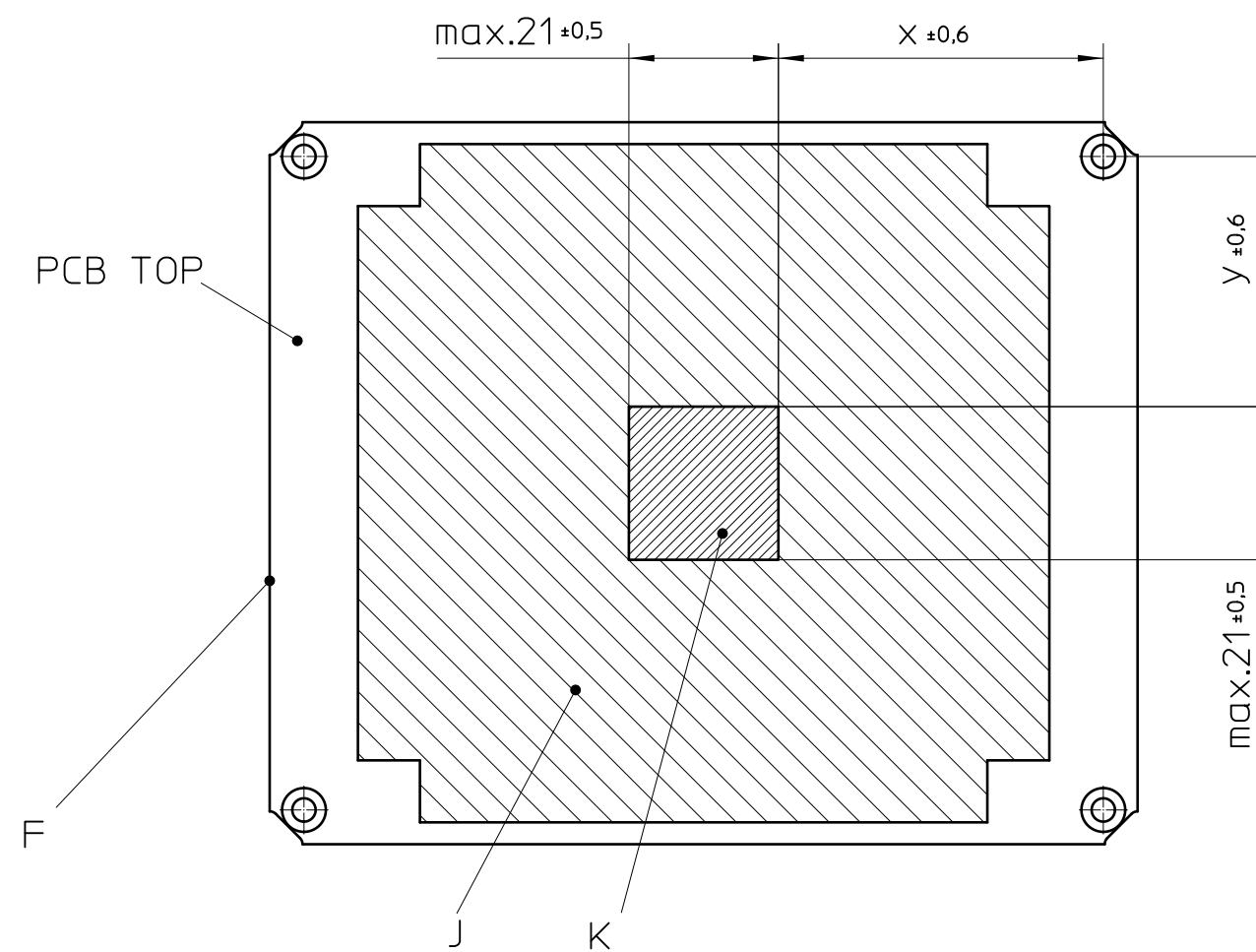
 DIN A2	document-no. / ri	article-no.	scale	- Simplified representation - Document excluded from change process - Linear dimensions (mm)	
	01507644 / 02	1481698	1:1		
	date	document-type	description		
	13.07.2023	TECDOC 2D_Productdrawing			
page 2	of 3	UCS HS-HH 145-125 AL			

Application example



PCB TOP with heat junction area

Example heat junction position of hot spots



General Information:

- Web: www.phoenixcontact.com webcode: #0854

Additional Information:

A. Heatsink UCS HS-HH 145-125

B. Button head screw

C. Housing UCS HH 145-125

D. Spacerbolt UCS SB M2,5 ...

E. Screw (item.no: 1495002)

F. Recommended PCB

l = Distance between heatsink base and PCB TOP

G. Heatspreader

H. Hot spot

I. Thermal interface material

J. Heat junction area

K. Heatspreader HSP 22x... max. area of heat junction