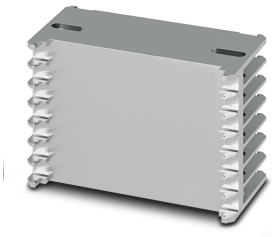
Heatsink - ICE50-R100X67-A1 - 1118306

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Heatsink, Aluminum, anodized, width: 67.4 mm

Your advantages

- Heatsinks enable the finished devices to be used in thermally demanding applications
- Extensive thermal simulations help achieve the optimum arrangement of components on the printed circuit board
- Customized heatsinks for reliable heat dissipation
- Simplified engineering process: all the services needed for your specific device design
- Tailored system solution comprised of a housing, connection technology, heatsink, and additional accessories

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 063151 046705
GTIN	4063151046705
Weight per Piece (excluding packing)	320.000 g
Custom tariff number	76169990
Country of origin	China

Technical data

Item properties

Brief article description	Heatsink
Type	ICE50-R100X67-A1
Item no.	1118306
Housing type	Heatsink

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Technical data

Item properties

Housing series	ICS
Range of articles	ICS50
Suitable for housing width	50 mm (ICS50)
Max. IP code to attain	IP20
Mounting type	Slot

Dimensions

Caption	Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the “Downloads” tab.
Width [w]	67.4 mm
Height [h]	50.1 mm
Length [l]	105 mm
Base panel thickness [b]	6 mm

Material specifications

Color	aluminum color
Material	Aluminum
Surface characteristics	anodized
Thermal resistance R_{th}	1.58 K/W (At ΔT 65 K for ambient temperature)
	2.91 K/W (At ΔT 5 K for ambient temperature)

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

General information

Note	Refer to the data sheet for the range in the download area.
	Individual milling possible.
	The R_{th} diagram shows the application, free-hanging (vertical) in the direction of flow.

Packaging information

Pieces per package	10
Denomination packing units	Pcs.

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 - 58.1 Hz)
Acceleration	2g (58.1 - 150 Hz)

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Technical data

Vibration test

Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

Shock

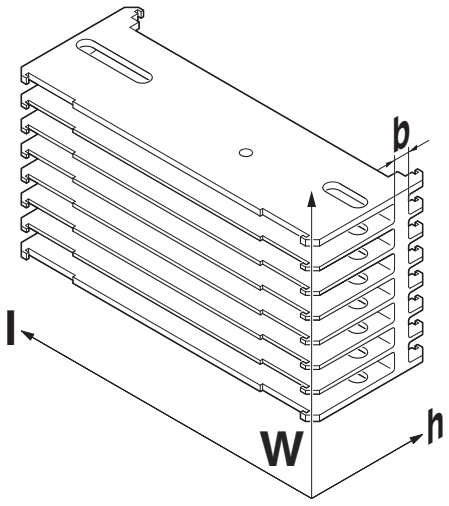
Specification	IEC 60068-2-27:2008-02
Pulse shape	Semi-sinusoidal
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Testing for paint wetting impairment substances (LABS-conformity)

Specification	VW PV 3.10.7:2005-02

Drawings

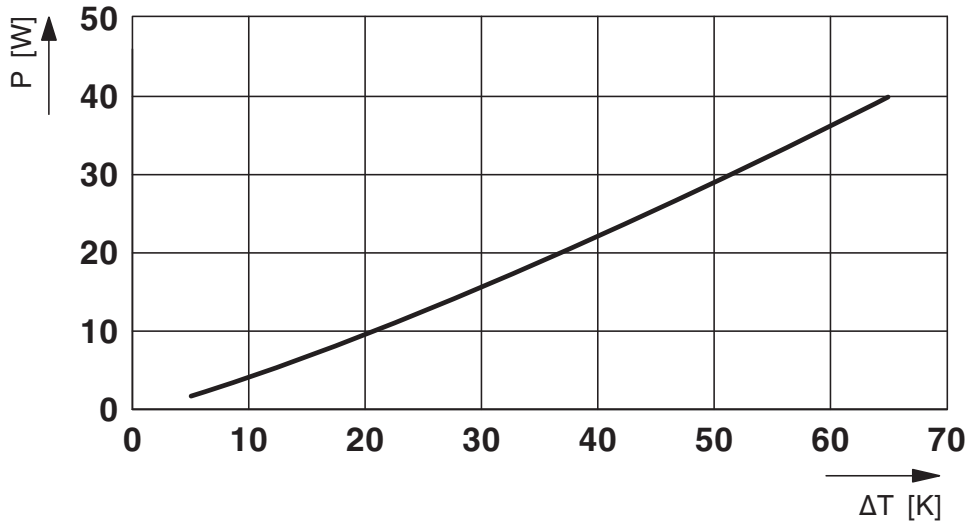
Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the “Downloads” tab.

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Diagram



R_{th} diagram of heatsink ICE 100 mm

Classifications

eCl@ss

eCl@ss 10.0.1	27260501
eCl@ss 11.0	27260501
eCl@ss 9.0	27260501

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