

ICE50-R122X45-A1 - Heatsink



1328706

<https://www.phoenixcontact.com/us/products/1328706>

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Heatsink for housing series: ICS, material: Aluminum, anodized, product range: ICS50, width: 44.9 mm, height: 50.1 mm, Individual milling possible.



Your advantages

- Heatsinks enable the finished devices to be used in thermally demanding applications
- Reliable heat dissipation with passive heatsinks
- Variable positioning of the heatsink base for electronic components of different heights
- Large installation space in the housing with space-saving heatsink fillers
- Tailored system solution comprised of a housing, connection technology, heatsink, and additional accessories

Commercial data

Item number	1328706
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ACHAEF
GTIN	4063151623005
Weight per piece (including packing)	253.67 g
Weight per piece (excluding packing)	193.12 g
Country of origin	CN

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Technical data

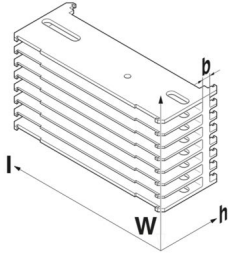
Notes

General	Individual milling possible.
General	Refer to the data sheet for the range in the download area.

Product properties

Product type	Heat sink
Housing series	ICS
Product family	ICS50
Housing type	Heatsink

Dimensions

Dimensional drawing	
Width	44.9 mm
Height	50.1 mm
Length	127.5 mm
Base panel thickness [b]	5.8 mm

Material specifications

Color	aluminum color
Color (Housing)	aluminum
Material	Aluminum
Surface characteristics	anodized
Thermal resistance R_{th}	2.1 K/W (At ΔT 65 K for ambient temperature) 3.2 K/W (At ΔT 5 K for ambient temperature)

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz ... 58.1 Hz)
Acceleration	2g (58.1 Hz ... 150 Hz)
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis

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Shocks

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.)

Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

Ambient conditions

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

Mounting

Mounting type	Slot
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Classifications

ECLASS

ECLASS-11.0	27260501
ECLASS-12.0	27260501
ECLASS-13.0	27260501

ETIM

ETIM 9.0	EC001143
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UNSPSC

UNSPSC 21.0	32131000
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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