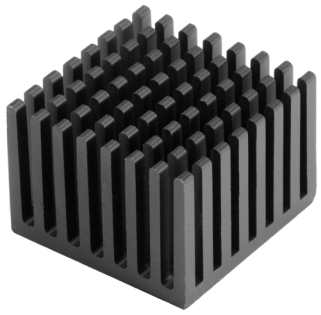
CUI Devices is now Same Sky! Learn More

MODEL: HSB11-252518 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- top mount
- aluminum alloy
- black anodized finish



RoHS

MODEL

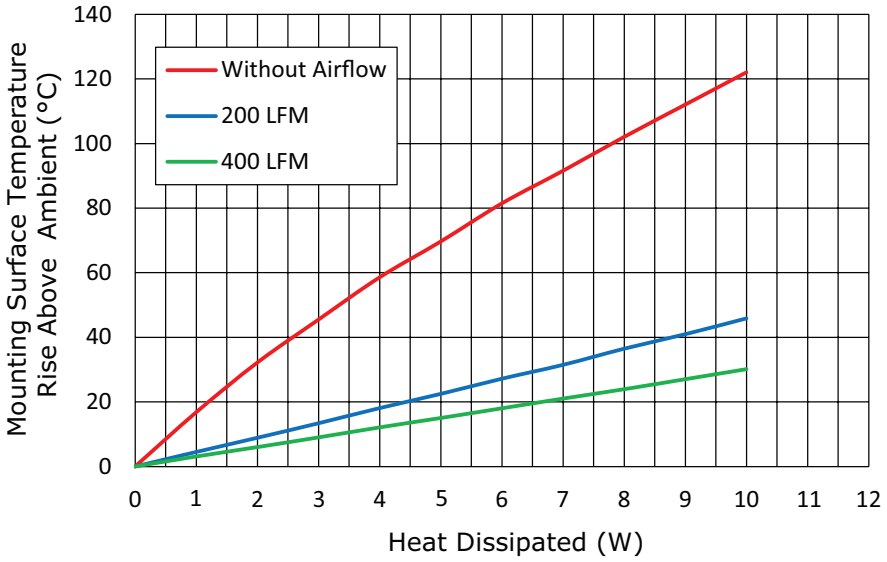
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSB11-252518	13.70	16.8	4.5	3.1	5.47

Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	16.8	4.5	3.1
2	32.2	8.9	6.0
3	45.5	13.4	9.0
4	58.6	18.1	12.1
5	69.7	22.5	15.0
6	81.5	27.2	18.0
7	91.6	31.5	21.0
8	102.1	36.5	23.9
9	112.1	41.0	27.0
10	122.1	45.9	30.1

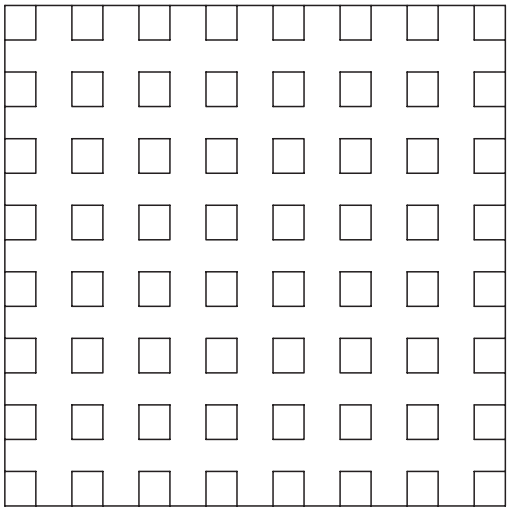
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

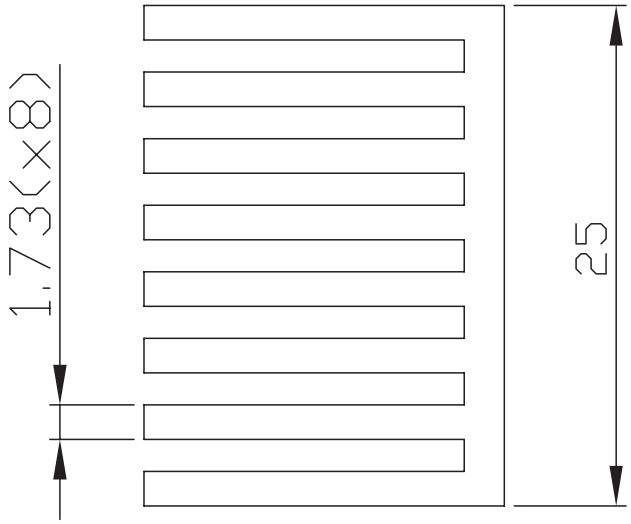


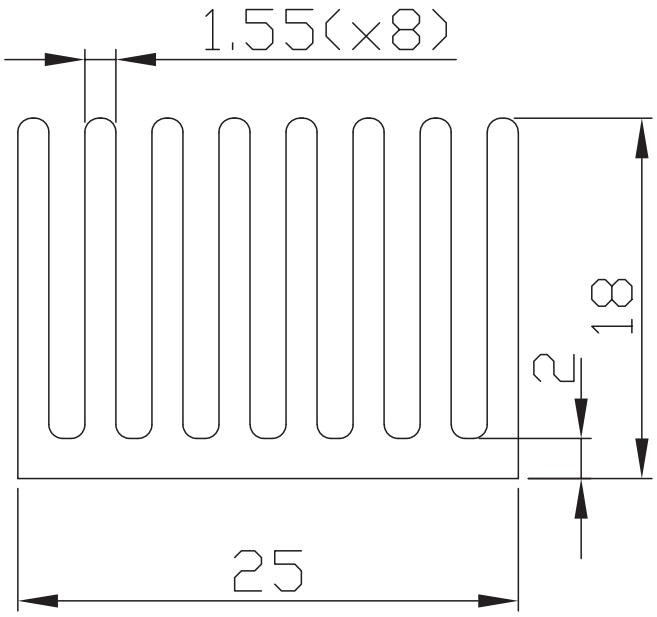
MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	12.5 g







REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021
1.01	logo, datasheet style update	08/05/2022
1.02	CUI Devices rebranded to Same Sky	09/12/2024

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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