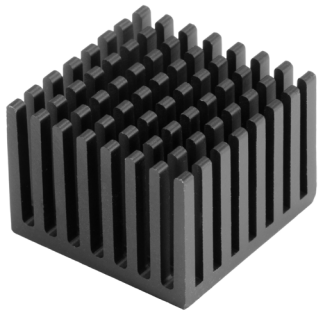
CUI Devices is now Same Sky! Learn More

MODEL: HSB11-252518 | DESCRIPTION: HEAT SINK

FEATURES

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



RoHS

MODEL

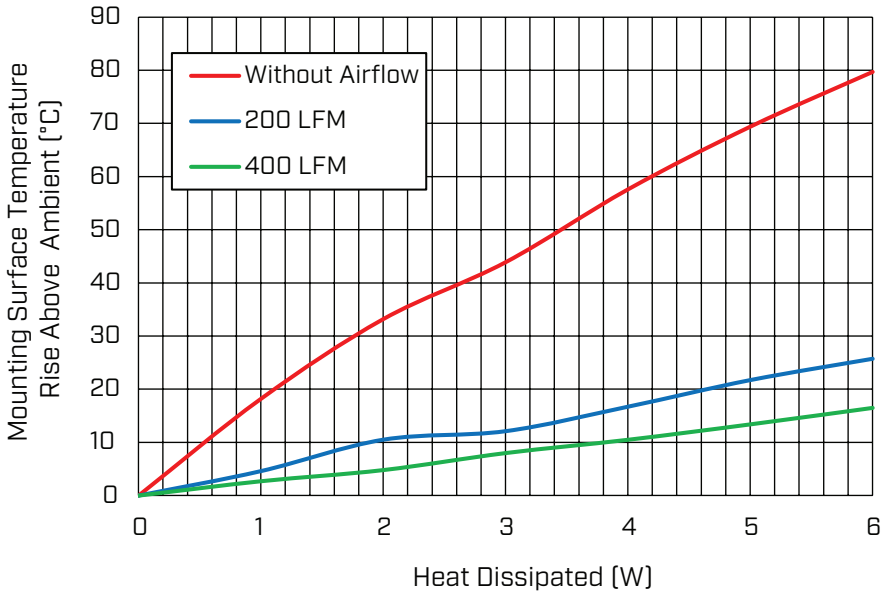
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSB11-252518	12.5	18.2	4.6	2.7	6.0

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	18.2	4.6	2.7
2	33.2	10.5	4.8
3	43.9	12.1	8.0
4	57.6	16.7	10.5
5	69.4	21.7	13.4
6	79.7	25.7	16.5

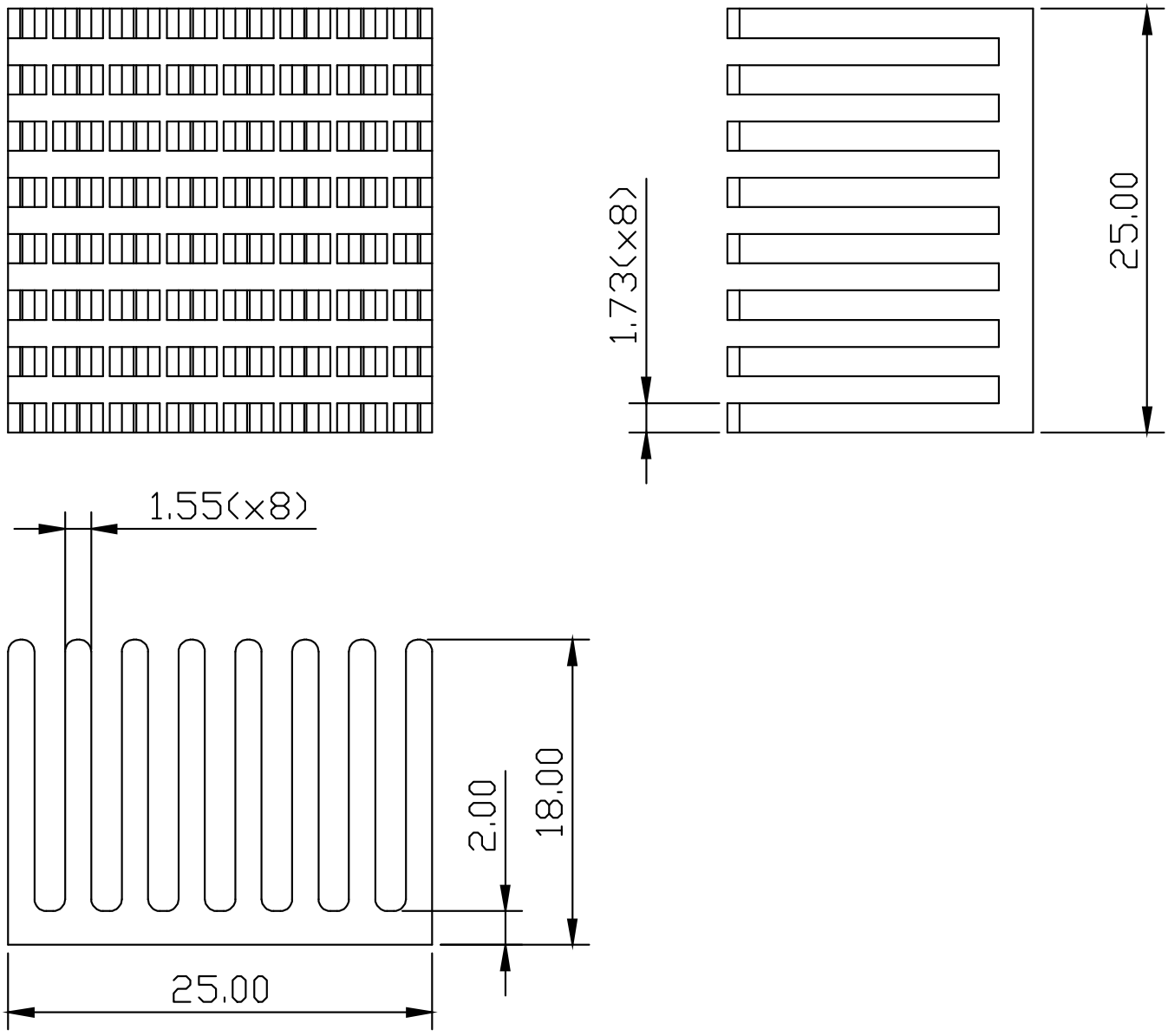
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	20.48 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
1.03	product reengineered for improved manufacturability and production yield, see PCN for details	11/21/2025

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

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.