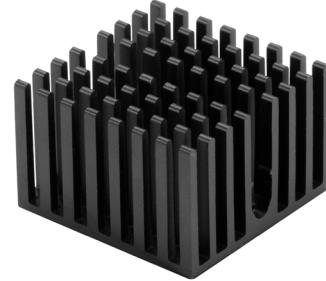


**MODEL:** HSB19-272718 | **DESCRIPTION:** HEAT SINK**FEATURES**

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

**MODEL**

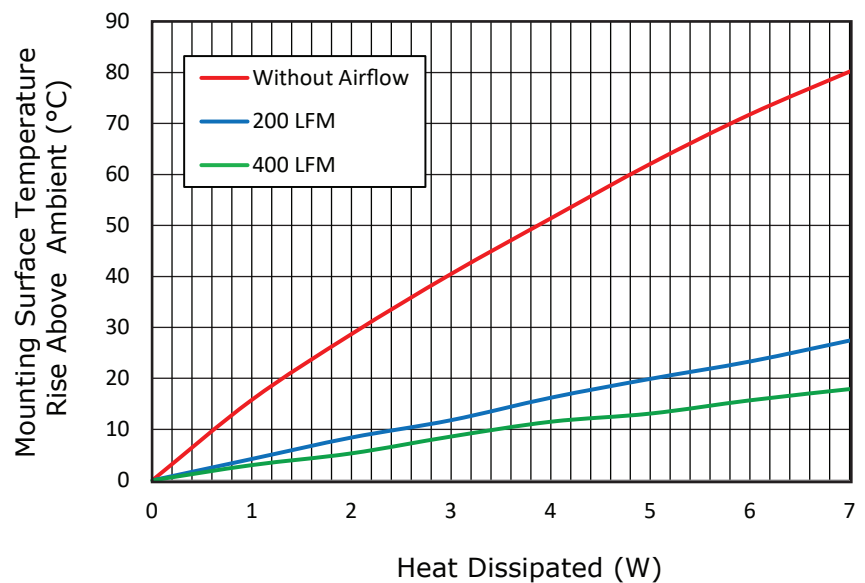
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	@ 75°C ΔT, nat conv [W]
HSB19-272718	11.53	15.8	4.2	3.0	6.50

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	15.8	4.2	3.0
2	28.7	8.4	5.3
3	40.5	11.8	8.6
4	51.4	16.2	11.5
5	62.1	19.9	13.1
6	71.8	23.3	15.7
7	80.2	27.4	17.9

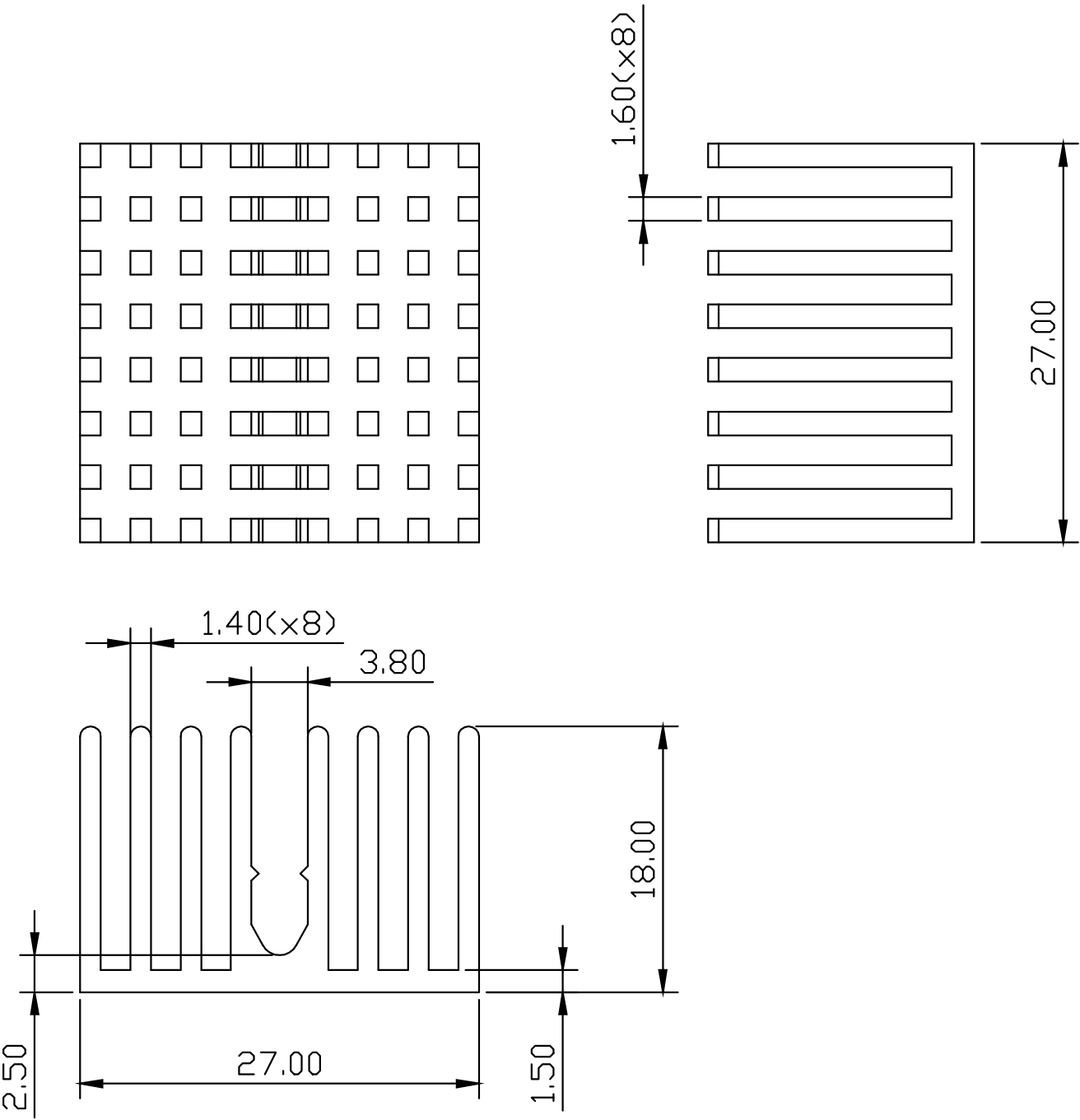
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	19.42 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	factory location change	01/07/2026

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.

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