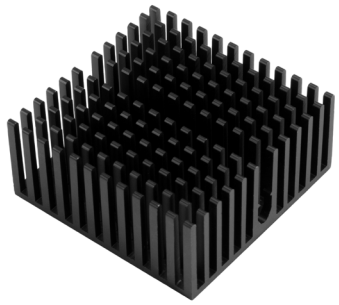
CUI DEVICES

MODEL: HSB16-404018 | **DESCRIPTION:** HEAT SINK

FEATURES

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



RoHS

MODEL

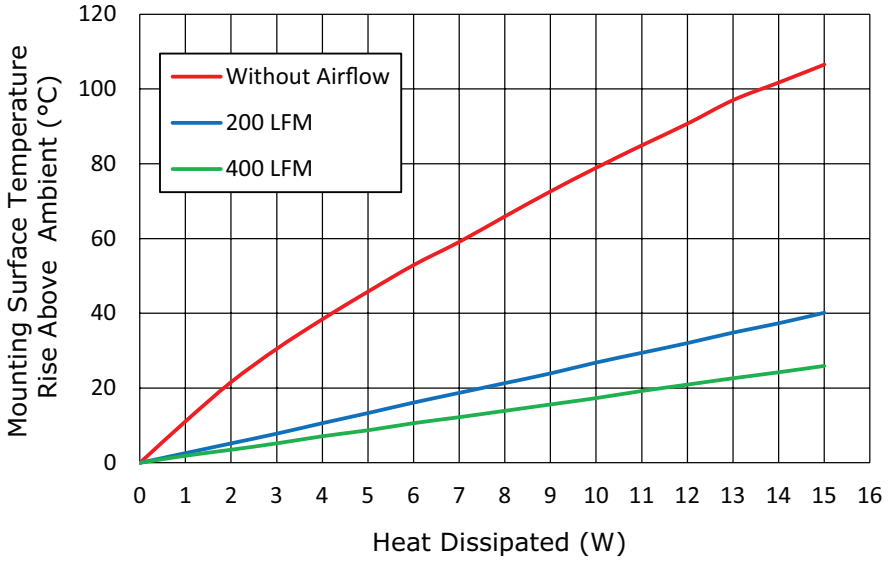
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	**@ 1 W, nat conv** (°C/W)	**@ 1 W, 200 LFM** (°C/W)	**@ 1 W, 400 LFM** (°C/W)	**@ 75°C ΔT, nat conv** (W)
HSB16-404018	7.96	11.1	2.6	1.9	9.43

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	11.1	2.6	1.9
2	21.6	5.2	3.5
3	30.5	7.8	5.2
4	38.4	10.6	7.1
5	45.8	13.3	8.7
6	52.9	16.1	10.6
7	59.1	18.7	12.2
8	65.9	21.3	13.9
9	72.6	23.9	15.6
10	78.9	26.8	17.3
11	84.9	29.4	19.2
12	90.7	32.0	20.9
13	97.0	34.8	22.6
14	101.7	37.3	24.2
15	106.5	40.1	25.9

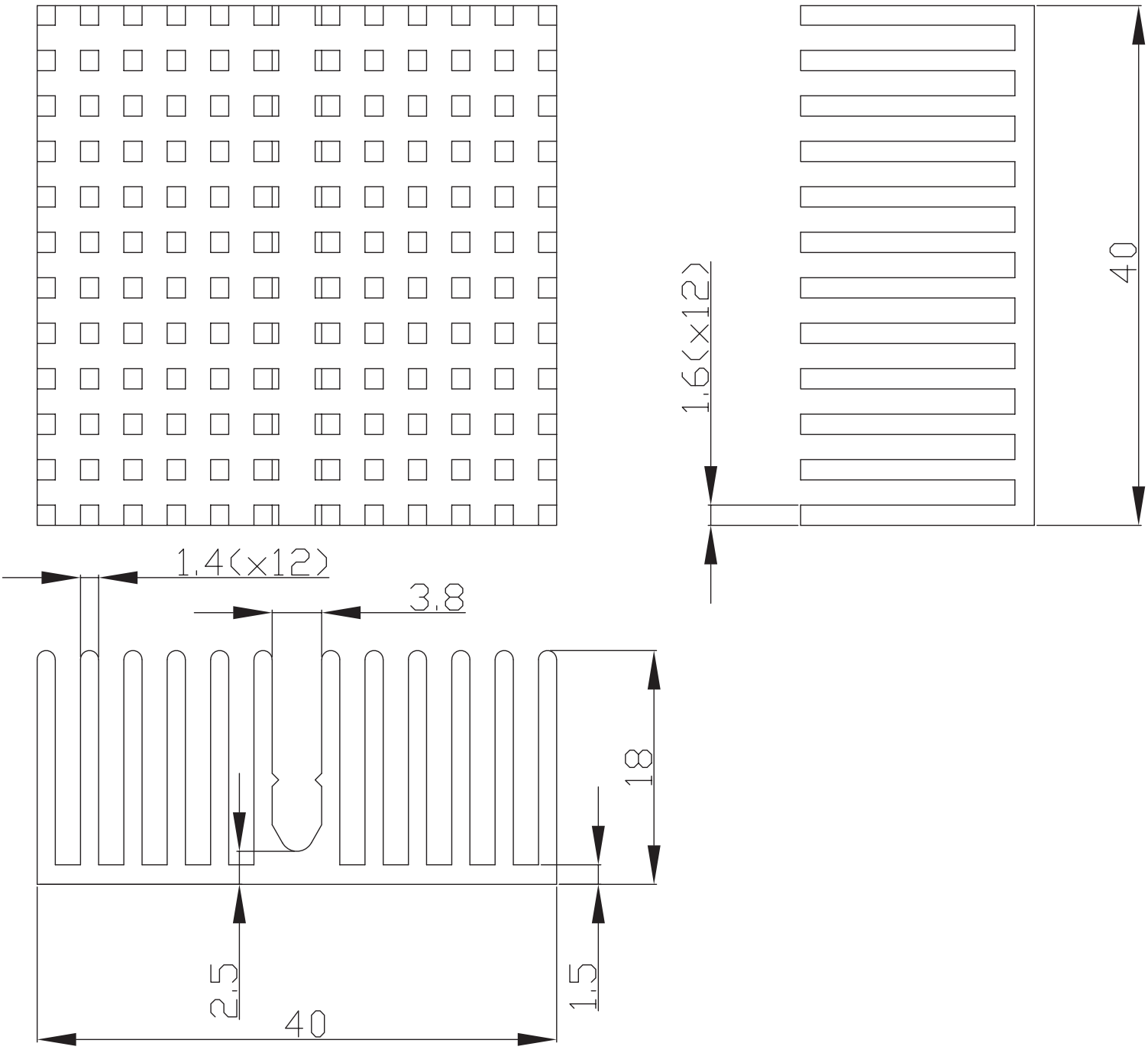
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	15.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/24/2021

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

CUI DEVICES

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

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