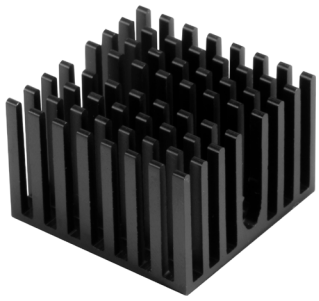
CUI DEVICES

MODEL: HSB17-404025 | **DESCRIPTION:** HEAT SINK

FEATURES

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



RoHS

MODEL

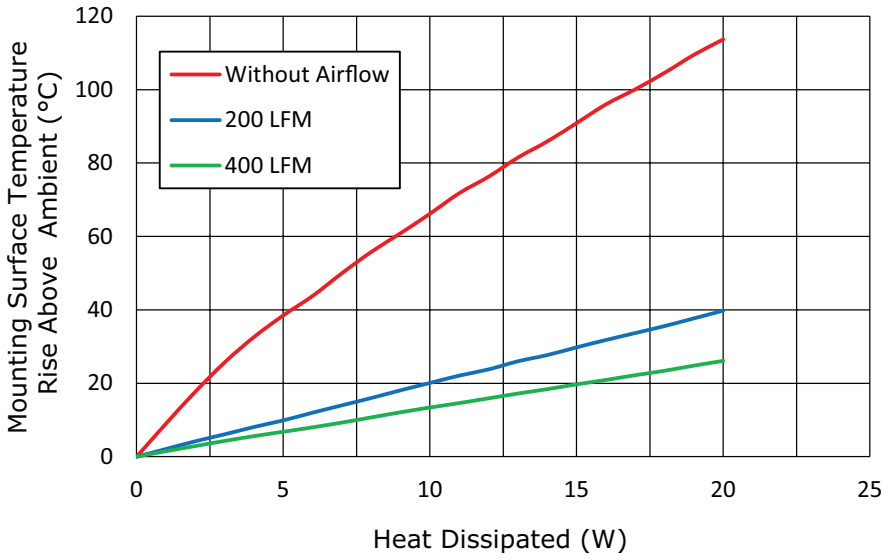
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSB17-404025	6.41	9.0	2.1	1.5	11.69

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	9.0	2.1	1.5
2	17.7	4.2	2.9
3	25.7	6.1	4.3
4	32.6	8.1	5.6
5	38.5	9.9	6.8
6	43.8	12.0	8.0
7	50.0	14.0	9.3
8	55.8	16.0	10.7
9	60.9	18.1	12.1
10	66.2	20.1	13.4
11	71.8	22.1	14.6
12	76.3	23.8	15.9
13	81.5	26.0	17.2
14	85.9	27.7	18.4
15	90.9	29.8	19.7
16	96.0	31.8	20.9
17	100.1	33.7	22.2
18	104.6	35.6	23.4
19	109.5	37.7	24.8
20	113.7	39.8	26.1

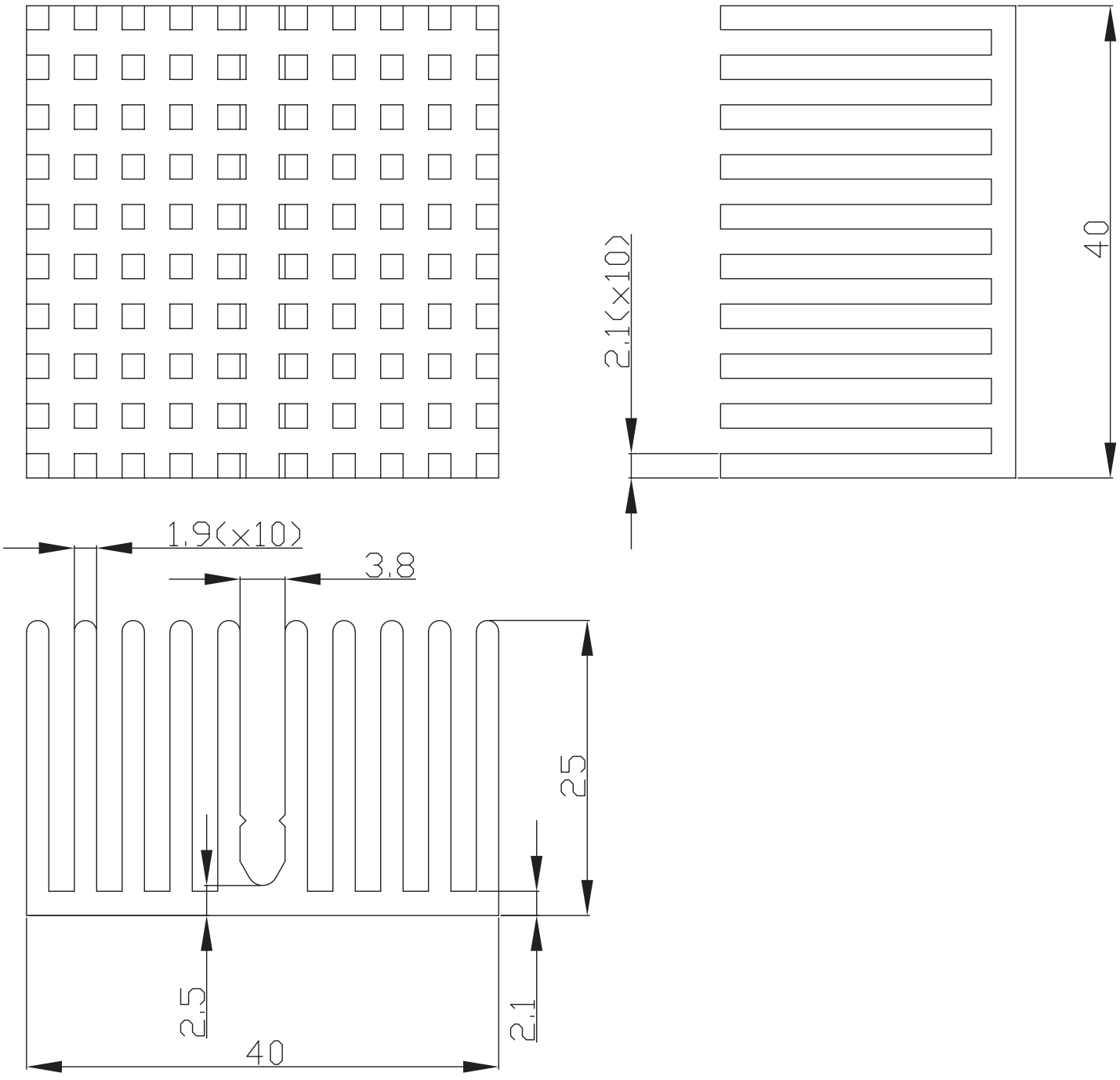
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	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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