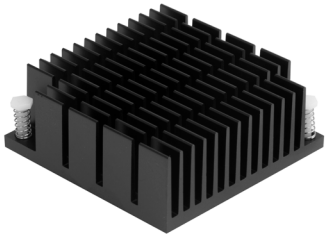
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MODEL: HSB28-606022 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- top mount
- aluminum alloy



RoHS

MODEL

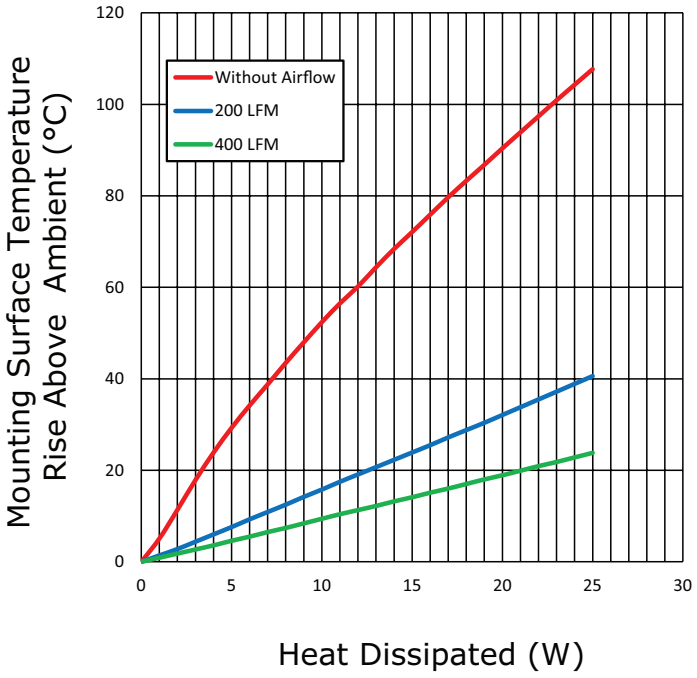
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSB28-606022	4.74	5.1	1.4	0.9	15.83

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	5.1	1.4	0.9
3	17.9	4.4	2.7
5	29.3	7.6	4.6
7	38.8	10.9	6.5
9	48.0	14.2	8.4
11	56.5	17.5	10.4
13	64.4	20.7	12.2
15	72.1	23.9	14.1
17	79.7	27.2	16.0
19	86.8	30.4	18.0
21	93.9	33.8	19.9
23	100.9	37.2	21.8
25	107.7	40.6	23.8

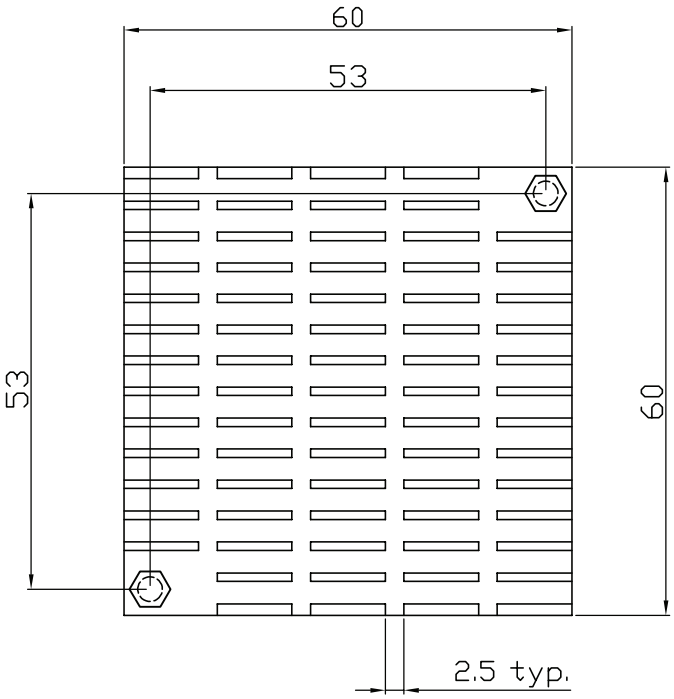
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

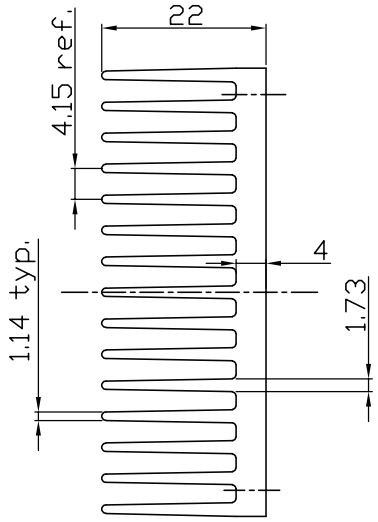


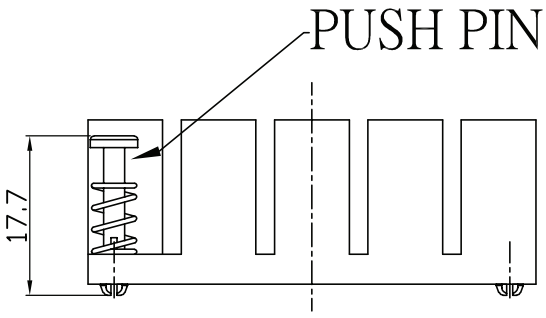
MECHANICAL DRAWING

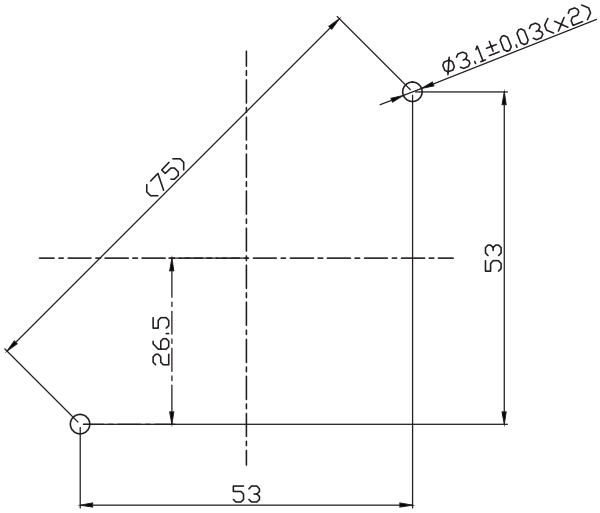
units: mm
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PUSH PIN	PA66
SPRING	spring steel, nickel plated
WEIGHT	106.5 g









Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	04/15/2022
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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