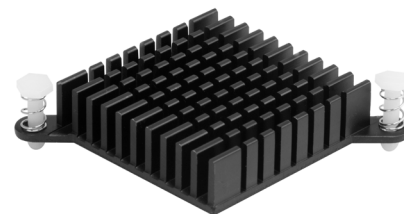


**MODEL:** HSB30-373710 | **DESCRIPTION:** HEAT SINK**FEATURES**

- BGA design
- low profile
- aluminum alloy

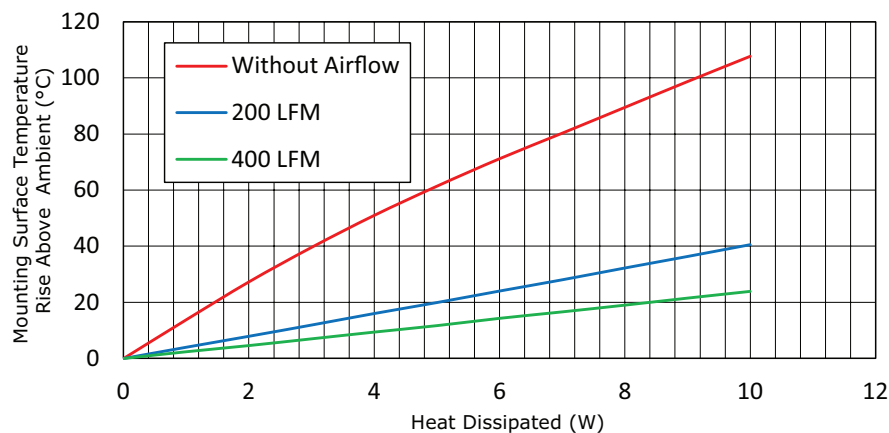
**MODEL**

	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv (W)
	@ 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)	
HSB30-373710	11.63	13.8	4.0	2.4	6.45

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	13.8	4.0	2.4
2	27.3	7.9	4.6
3	39.6	11.9	7.0
4	51.0	16.0	9.4
5	61.4	19.9	11.7
6	71.2	24.0	14.3
7	80.3	28.0	16.6
8	89.5	32.2	19.0
9	98.7	36.3	21.5
10	107.7	40.5	23.9

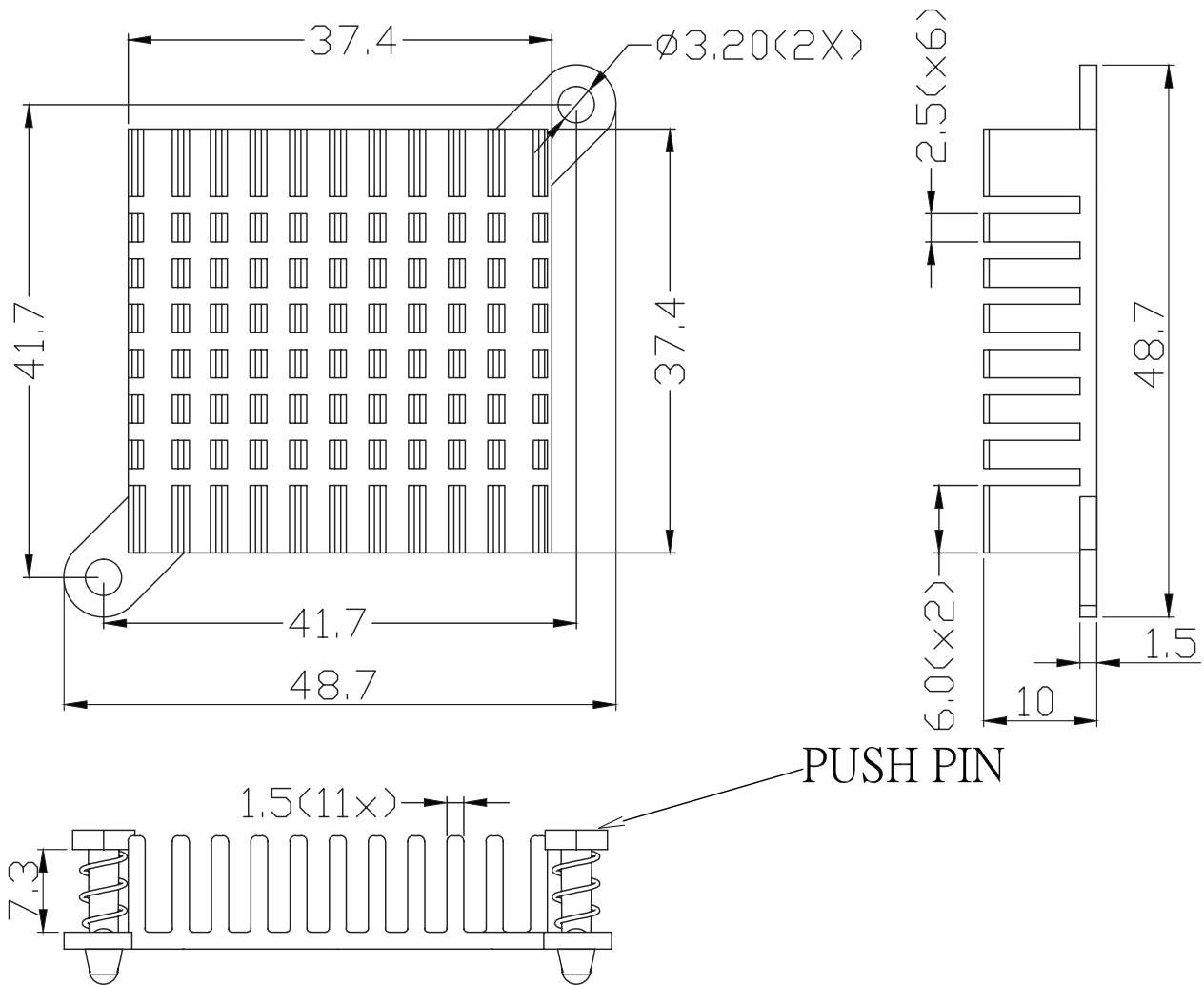


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PUSH PIN	PA66
SPRING	spring steel, nickel plated
WEIGHT	20.8 g



## REVISION HISTORY

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rev.	description	date
1.0	initial release	04/22/2022

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

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# CUI DEVICES

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

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