

date 08/05/2022

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MODEL: HSB30-373710 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- low profile
- aluminum alloy





MODEL thermal resistance¹ power dissipation¹ @ 75°C ∆T, nat @ 1 W, @ 1 W, @ 1 W, @ 75°C ∆T, nat 400 LFM conv (°C/W) nat conv 200 LFM conv (°C/W) $(^{\circ}C/W)$ (°C/W) (W) HSB30-373710 11.63 13.8 4.0 2.4 6.45

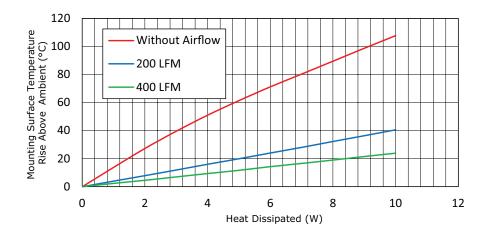
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)			
Power (W)	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	
The: "hat enot" tamparature measured on the heateink				

Ths: "hot spot" temperature measured on the heatsink

Ta: ambient temperature

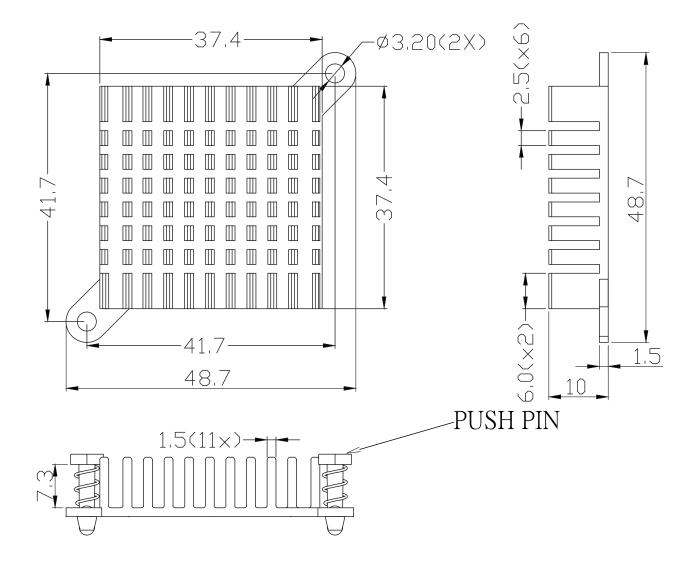


MECHANICAL DRAWING

units: mm

tolerance: ±0.5 mm

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



REVISION HISTORY

rev.	description	date
1.0	initial release	04/22/2022
1.01	logo, datasheet style update	08/05/2022

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



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