

MODEL: HSB25-282810 | DESCRIPTION: HEAT SINK

FEATURES

- BGA design
- small footprint
- top mount
- aluminum alloy





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)
HSB25-282810	15.41	18.2	5.1	3.0	4.87

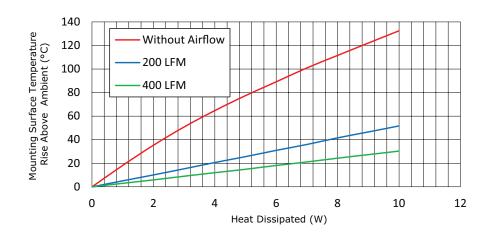
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)				
Power (W)	Natural Conv.	200 LFM	400 LFM		
0	0	0	0		
1	18.2	5.1	3.0		
2	35.3	10.1	5.9		
3	50.8	15.3	9.0		
4	64.7	20.6	12.0		
5	77.4	25.6	14.9		
6	89.1	30.9	18.1		
7	100.9	35.9	21.1		
8	111.5	41.5	24.3		
9	122.0	46.5	27.3		
10	132.4	51.6	30.3		

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



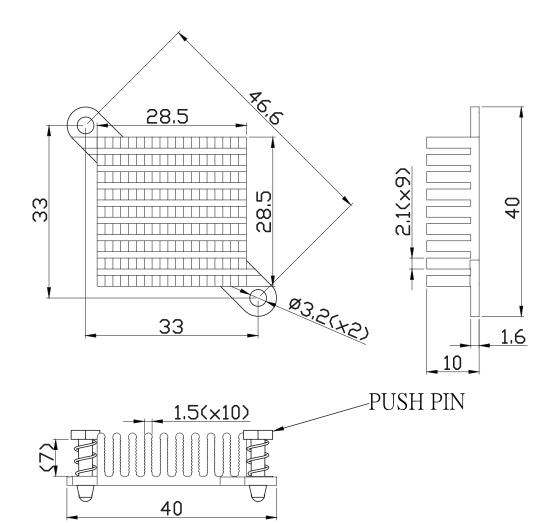
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MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

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MATERIAL	AL 6063-T5
FINISH	black anodized
PUSH PIN	PA66
SPRING	spring steel, nickel plated
WEIGHT	13.9 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/15/2022
1.01	logo, datasheet style update	08/05/2022

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

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



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