

date 03/01/2024

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MODEL: HSB34-282811 | DESCRIPTION: HEAT SINK

FEATURES

- · BGA design
- low profile
- aluminum alloy
- black anodized finish





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) (°C/W) (°C/W) (W) HSB34-282811 15.05 17.9 5.1 3.3 4.98

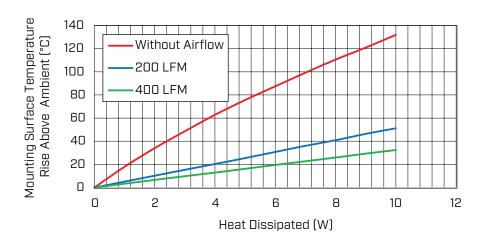
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	17.9	5.1	3.3
2	34.0	10.2	6.6
3	48.6	15.3	9.8
4	62.8	20.3	12.9
5	75.6	25.4	16.2
6	87.4	30.7	19.5
7	99.2	36.0	22.7
8	110.5	40.8	25.9
9	120.9	46.3	29.3
10	131.9	51.1	32.4



Ta: ambient temperature

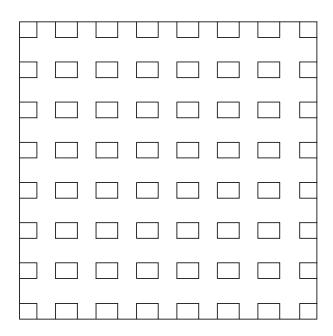


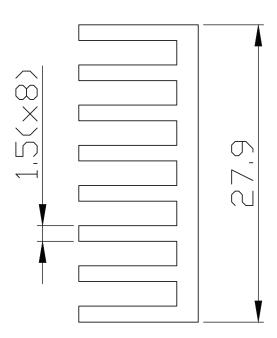
MECHANICAL DRAWING

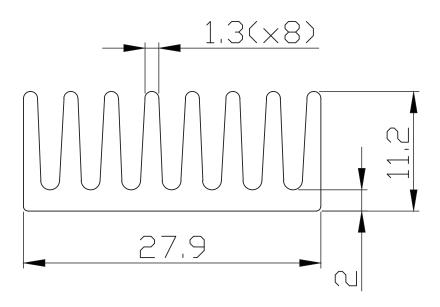
units: mm

tolerance: ±0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	9 g







Additional Resources: Product Page

CUI DEVICES | MODEL: HSB34-282811 | DESCRIPTION: HEAT SINK

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REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2024

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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