

date 05/11/2017

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MODEL: HSE-B20250-045H | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- placement pins for secure PCB mounting
- round hole for component attachment
- black anodized finish





thermal resistance¹ power dissipation¹ @ 1 W, 400 LFM @ 75°C ∆T, @ 75°C ∆T, @ 1 W, @ 1 W, nat conv 200 LFM nat conv nat conv (°C/W) (°C/W) (°C/W) (°C/W) (W) 9.74 12.29 2.84 7.70 HSE-B20250-045H 4.05

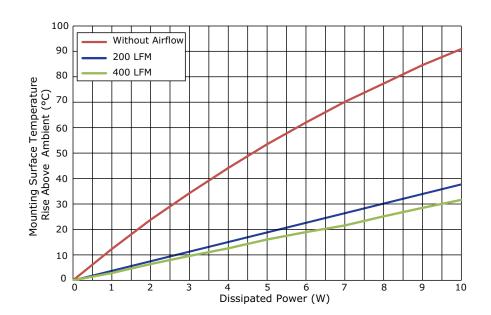
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient ($\Delta T = Ths - Ta$) (°C)			
Power (W)	Natural Conv.	200 LFM	400 LFM	
0	0	0	0	
1	12.29	4.05	2.84	
2	23.82	7.75	6.41	
3	34.26	11.31	9.58	
4	44.14	15.68	12.55	
5	53.47	19.34	16.03	
6	62.05	22.49	18.96	
7	70.15	26.38	21.56	
8	77.35	30.60	25.15	
9	84.60	34.29	28.46	
10	90.94	37.71	31.61	
The: "hot enot" tomporature measured on the heateigh				

Ths: "hot spot" temperature measured on the heatsink

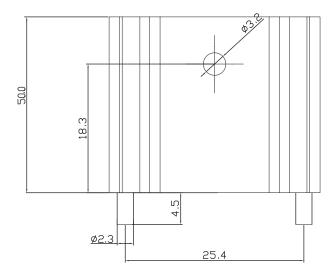
Ta: ambient temperature

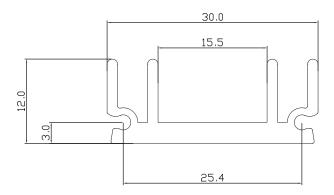


MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PIN MATERIAL	steel
PIN PLATING	tin
WEIGHT	19.44 g





CUI Inc | MODEL: HSE-B20250-045H | DESCRIPTION: HEAT SINK

REVISION HISTORY

rev.	description	date
1.0	initial release	05/11/2017

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



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

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