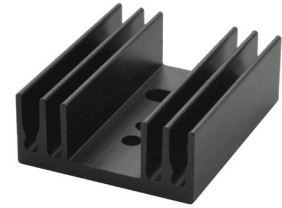


**MODEL:** HSE-B20350-NP | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- black anodized finish
- low profile



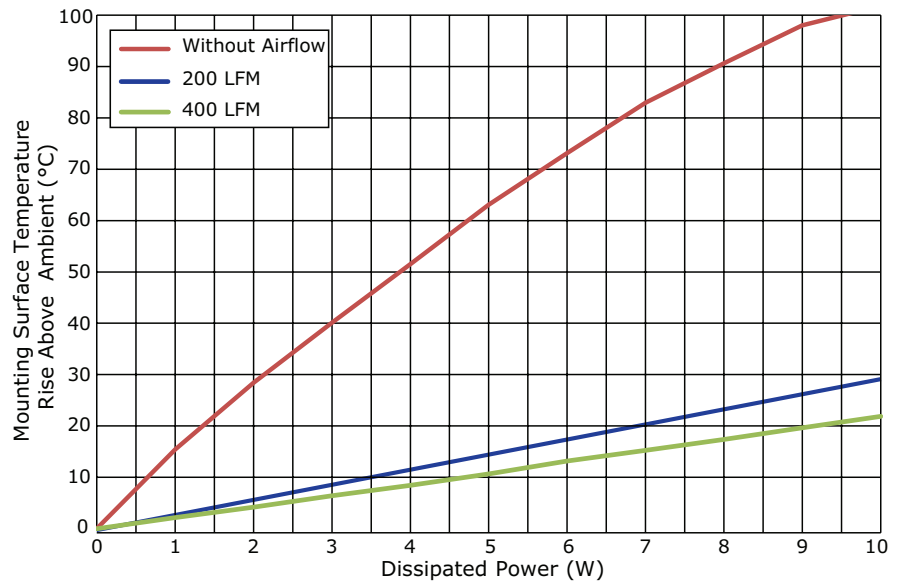
**MODEL**

	<b>thermal resistance<sup>1</sup></b>				<b>power</b>
	<b>@ 75°C ΔT, nat conv (°C/W)</b>	<b>@ 1 W, nat conv (°C/W)</b>	<b>@ 1 W, 200 LFM (°C/W)</b>	<b>@ 1 W, 400 LFM (°C/W)</b>	<b>dissipation<sup>1</sup> @ 75°C ΔT, nat conv (W)</b>
HSE-B20350-NP	12.10	15.42	2.91	2.13	6.20

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient ( $\Delta T = T_{hs} - T_a$ ) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	15.42	2.91	2.13
2	28.43	5.61	4.17
3	40.12	8.59	6.43
4	51.54	11.56	8.44
5	63.08	14.54	10.67
6	73.12	17.43	13.16
7	82.95	20.40	15.26
8	90.64	23.24	17.37
9	98.01	26.37	19.66
10	101.81	29.12	21.88

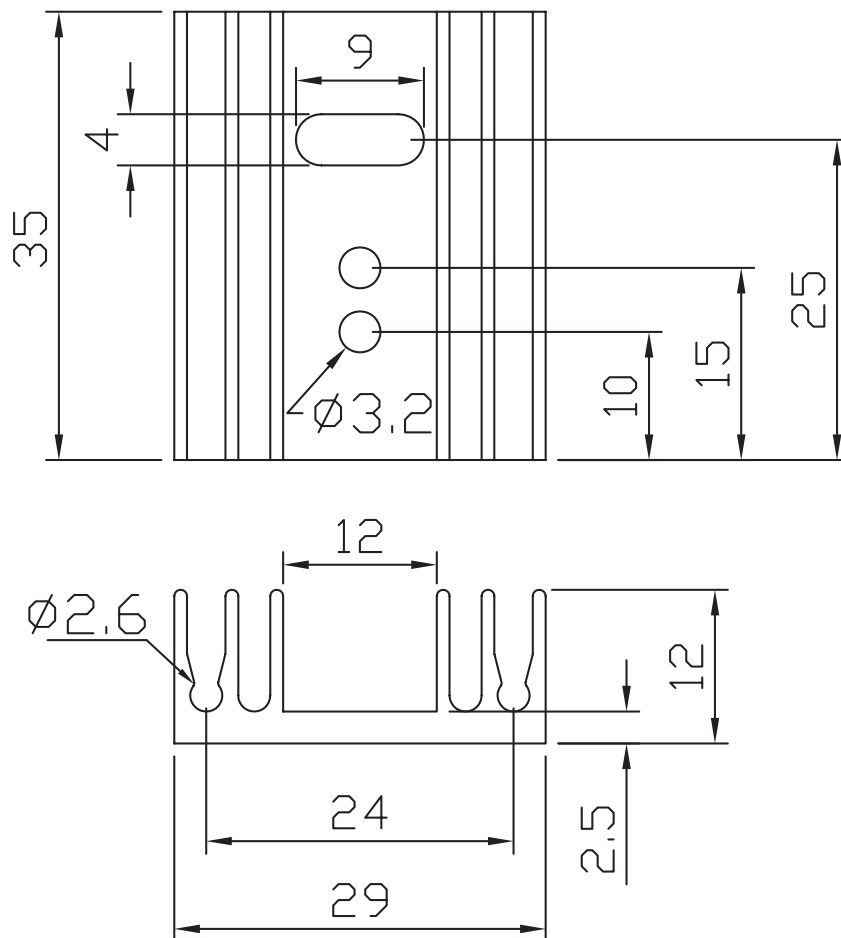


$T_{hs}$ : "hot spot" temperature measured on the heatsink  
 $T_a$ : ambient temperature

### MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
WEIGHT	13.19 g



## REVISION HISTORY

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rev.	description	date
1.0	initial release	05/10/2017

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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