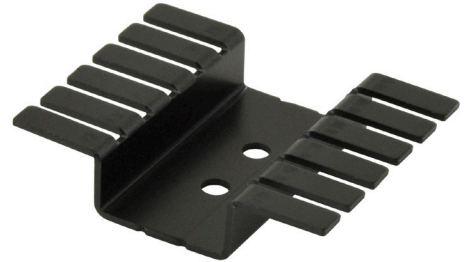


**MODEL:** HSS-B20-NP-04 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- round hole for component attachment
- two hole options for longer component pins
- black anodized finish



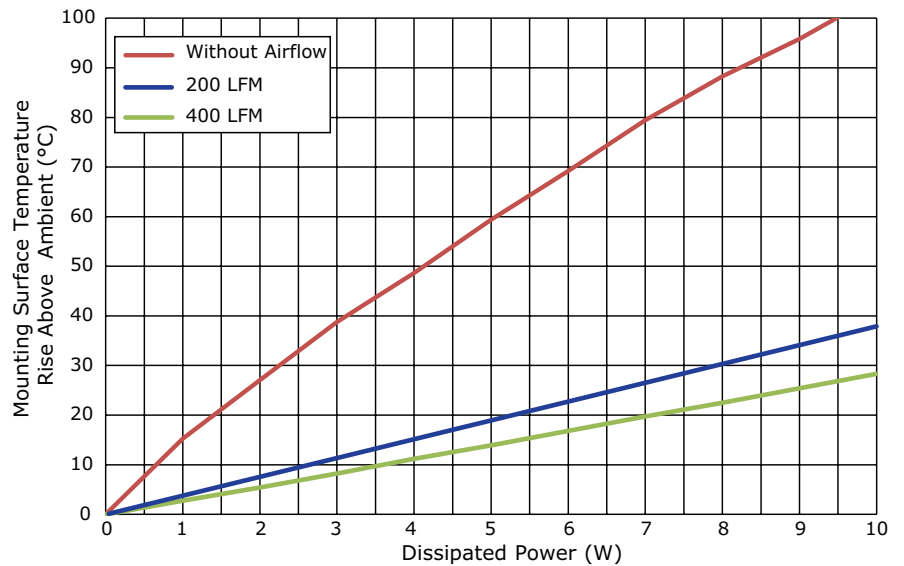
**MODEL**

	<b>thermal resistance<sup>1</sup></b>				<b>power dissipation<sup>1</sup></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>@ 75°C ΔT, nat conv (W)</b>
HSS-B20-NP-04	11.54	15.27	3.76	2.74	6.50

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	15.27	3.76	2.74
2	27.05	7.51	5.43
3	38.74	11.26	8.23
4	48.62	15.04	11.17
5	59.41	18.81	13.89
6	69.24	22.56	16.83
7	79.43	26.28	19.71
8	88.27	30.18	22.48
9	95.85	33.95	25.41
10	104.56	37.87	28.29

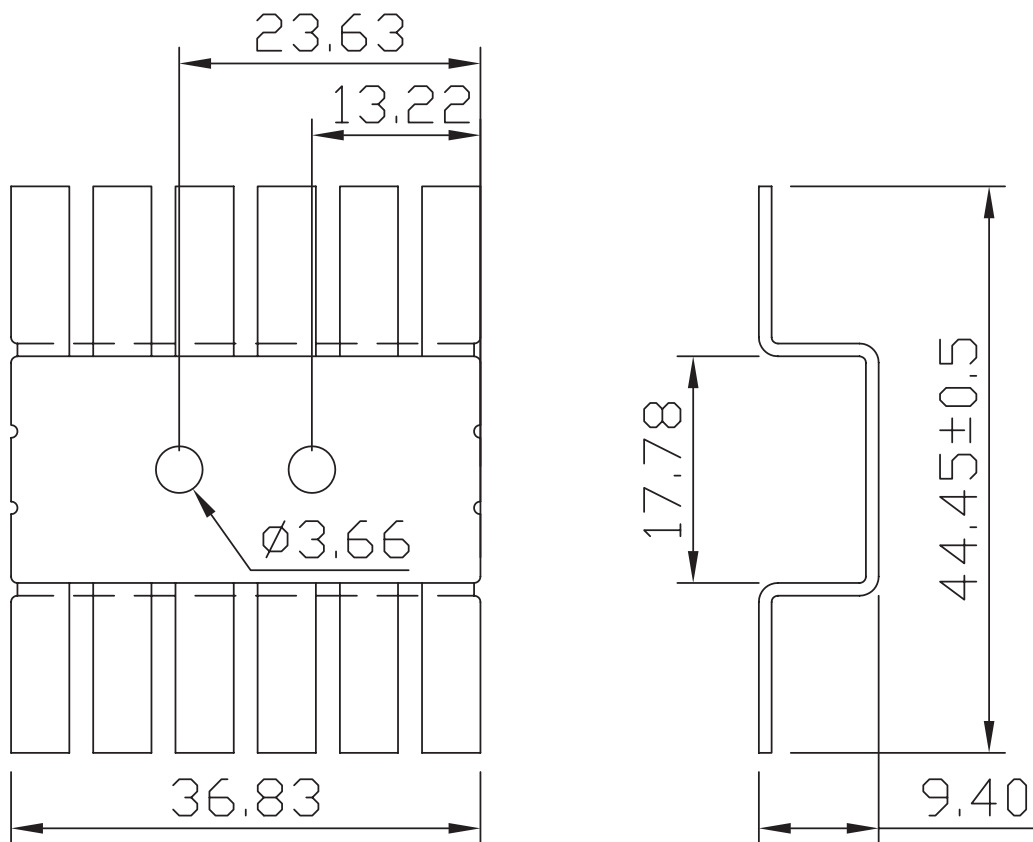


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

### MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.0 mm
WEIGHT	5.7 g



## REVISION HISTORY

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<b>rev.</b>	<b>description</b>	<b>date</b>
1.0	initial release	04/03/2017

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



**Headquarters**  
20050 SW 112th Ave.  
Tualatin, OR 97062  
**800.275.4899**

Fax 503.612.2383  
**cui.com**  
techsupport@cui.com

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

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