

**MODEL:** HSS-B20-NP-01 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- round hole for component attachment
- low profile design
- black anodized finish



**MODEL**

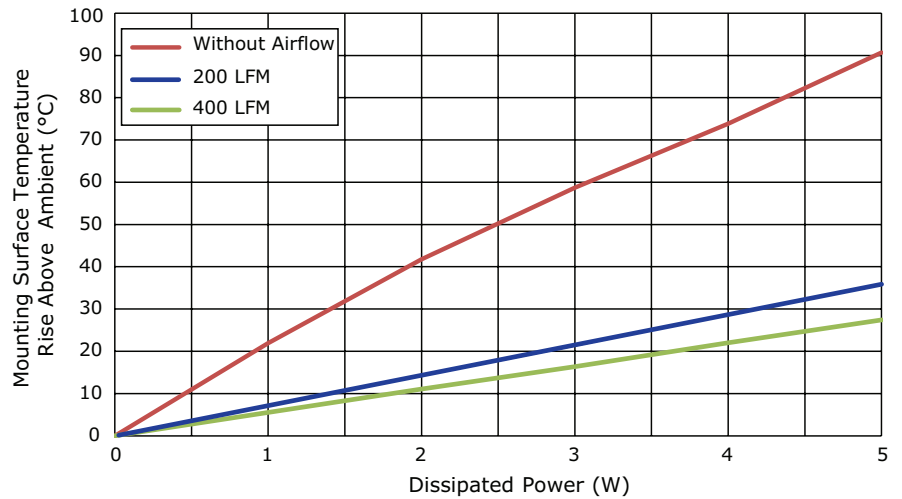
	<b>thermal resistance<sup>1</sup></b>				<b>power dissipation<sup>1</sup></b>
	<b>@ 75°C ΔT, nat conv (°C/W)</b>	<b>@ 1 W, nat conv (°C/W)</b>	<b>@ 1 W, 200 LFM (°C/W)</b>	<b>@ 1 W, 400 LFM (°C/W)</b>	<b>@ 75°C ΔT, nat conv (W)</b>
HSS-B20-NP-01	18.29	21.92	7.05	5.56	4.10

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	21.92	7.05	5.56
2	41.78	14.01	11.07
3	58.69	21.06	16.38
4	73.87	28.48	22.02
5	90.68	35.84	27.40

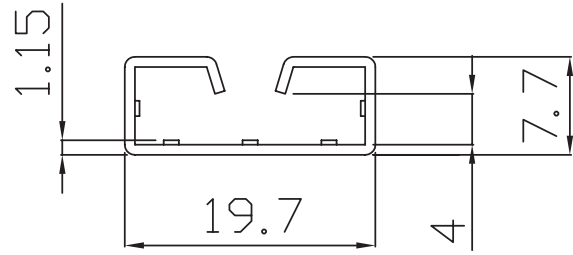
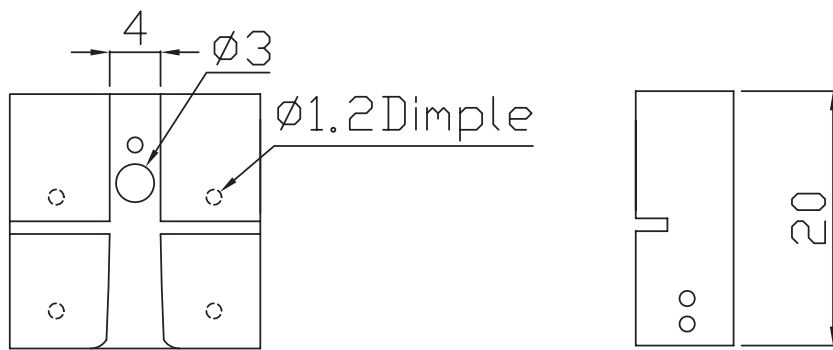
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



### MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
WEIGHT	2.4 g



## REVISION HISTORY

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rev.	description	date
1.0	initial release	03/29/2017

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



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