



**MODEL:** HSS-B20-NP-11 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- round hole for component attachment
- black anodized finish
- aluminum



**MODEL**

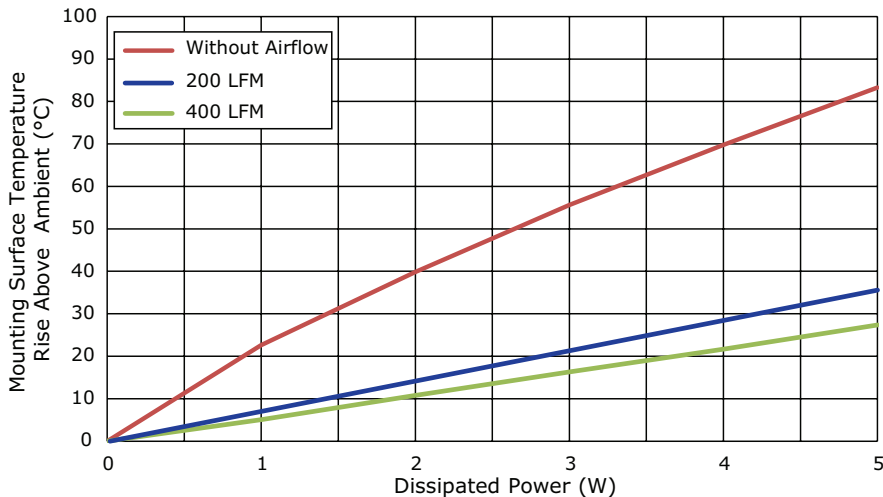
	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv [W]
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	
HSS-B20-NP-11	17.05	22.64	6.86	5.08	4.40

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	22.64	6.86	5.08
2	39.83	14.30	10.75
3	55.63	21.31	16.28
4	69.75	28.40	21.66
5	83.29	35.60	27.37

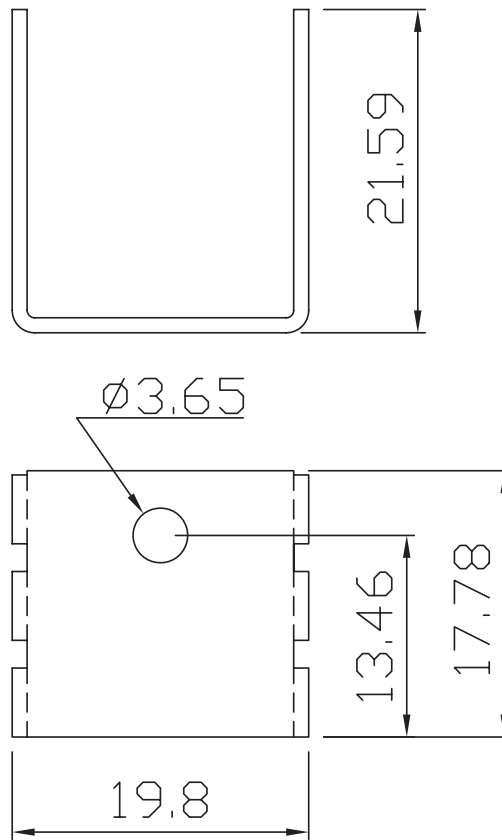
T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.0 mm
WEIGHT	2.4 g



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/29/2017
1.01	brand update	02/13/2020
1.02	logo, datasheet style update	08/05/2022

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



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