CUDEVICES

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

FEATURES

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

RoHS

MODEL

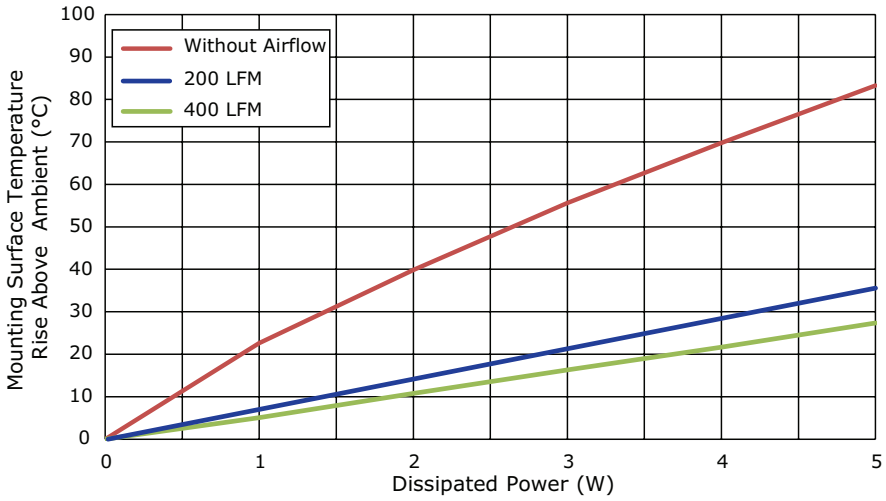
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-NP-11	17.05	22.64	6.86	5.08	4.40

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

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	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

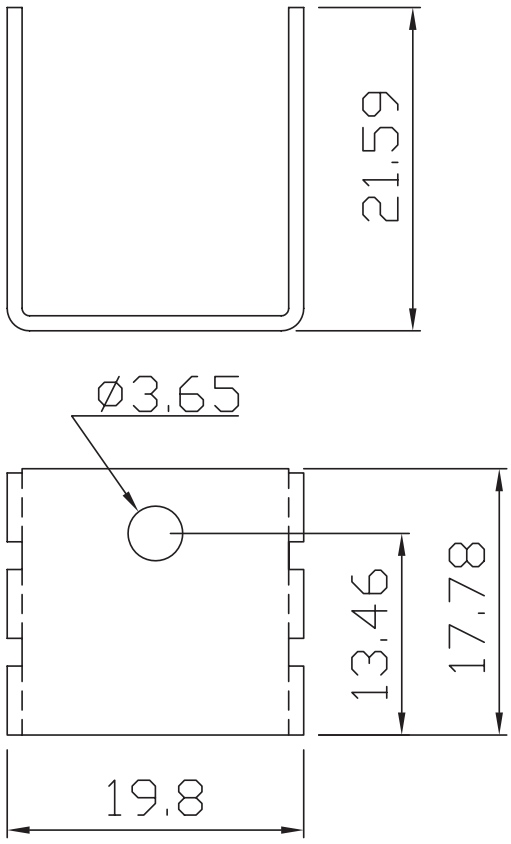
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±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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