CUDEVICES

MODEL: HSS-B20-NP-03 | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- clip for easy component attachment
- slim profile
- black anodized finish

RoHS

MODEL

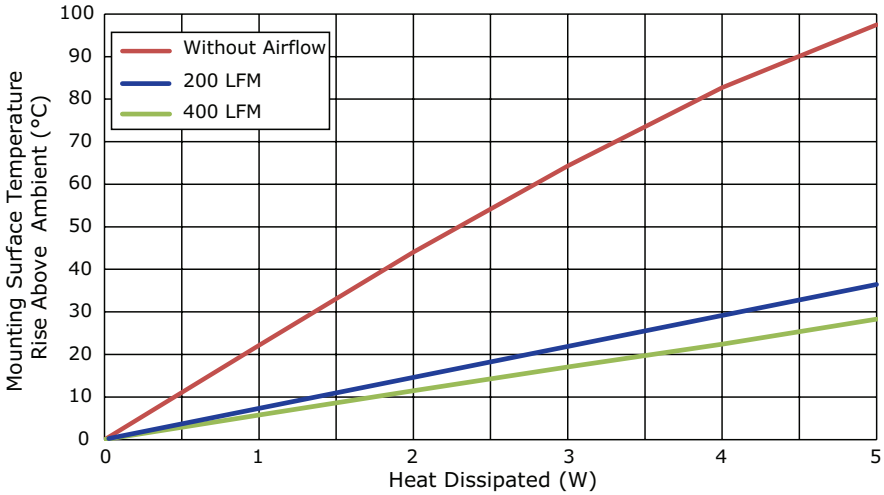
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv [°C/W]	**@ 1 W, nat conv** [°C/W]	**@ 1 W, 200 LFM** [°C/W]	**@ 1 W, 400 LFM** [°C/W]	**@ 75°C ΔT, nat conv** [W]
HSS-B20-NP-03	20.83	22.14	7.45	5.76	3.60

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	22.14	7.45	5.76
2	44.04	14.81	11.46
3	64.31	22.07	17.07
4	82.72	29.35	22.44
5	97.49	36.44	28.27

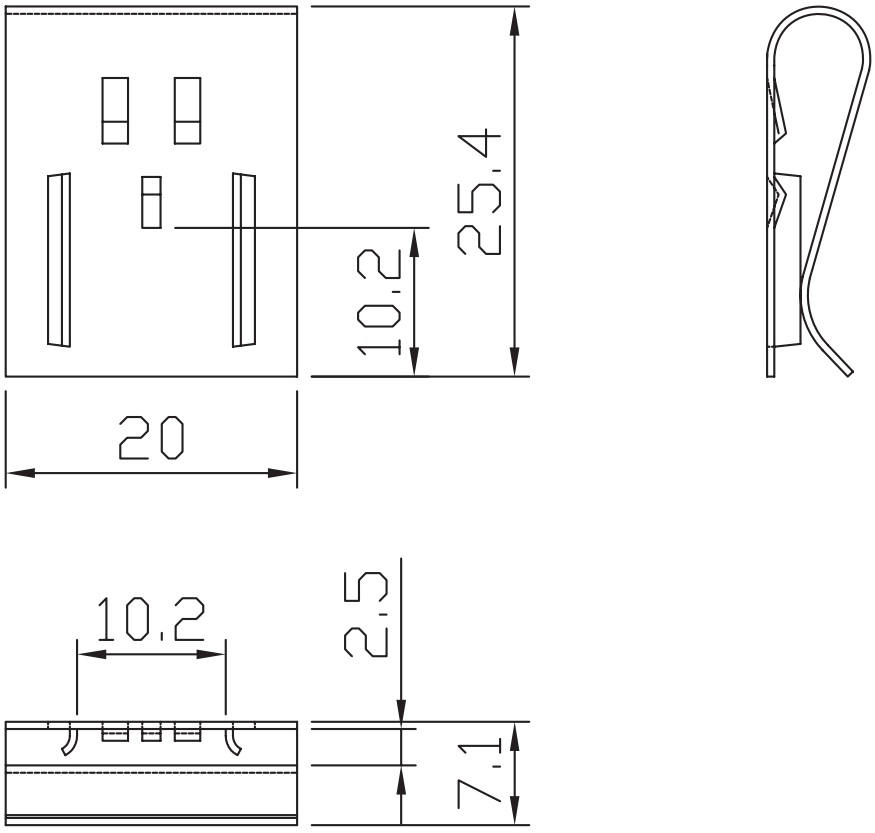
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
WEIGHT	2.3 g



REVISION HISTORY

rev.	description	date
1.0	initial release	03/30/2017
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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