

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

FEATURES

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



MODEL

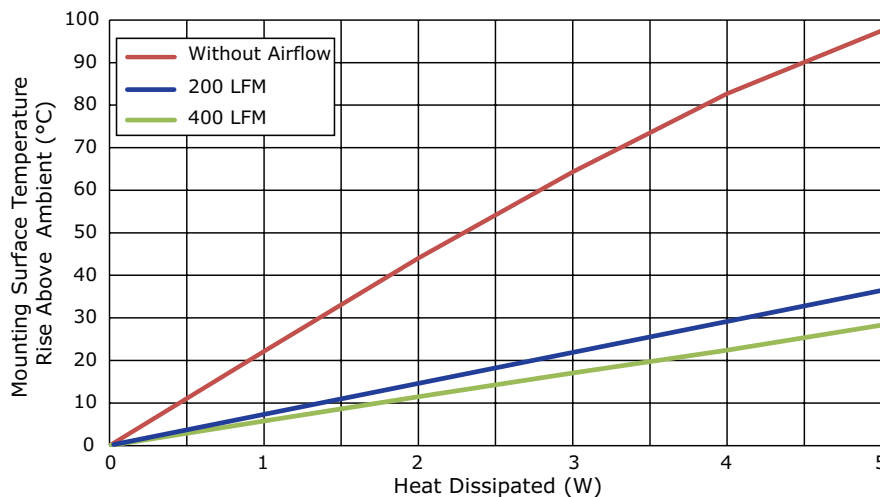
MODEL	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-NP-03	20.83	22.14	7.45	5.76	3.60

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

PERFORMANCE CURVES

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) (°C)		
	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

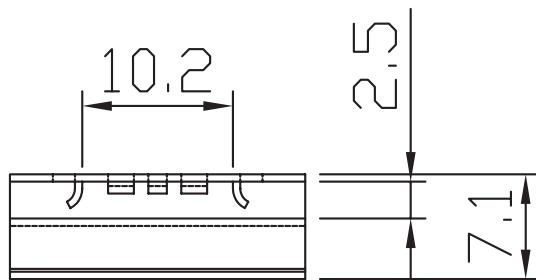
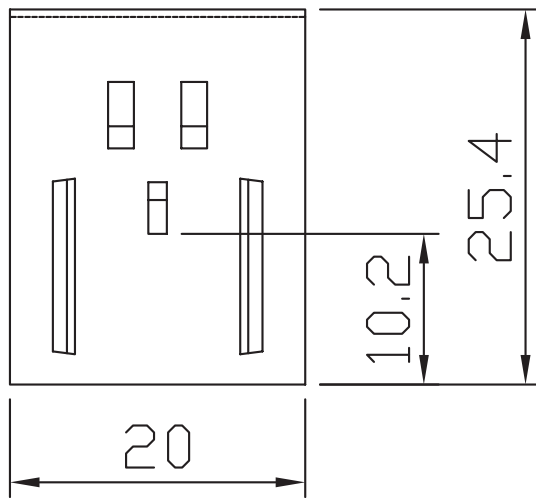
T_{hs}: "hot spot" temperature measured on the heatsink
 T_a: ambient temperature



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

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

CUI DEVICES

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