CUI DEVICES

date 02/13/2020

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

FEATURES

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





MODEL		power dissipation ¹			
	@ 75°C Δ T, nat conv (°C/W)	<pre>@ 1 W, nat conv (°C/W)</pre>	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ∆T, nat conv (W)
HSS-B20-NP-01	18.29	21.92	7.05	5.56	4.10

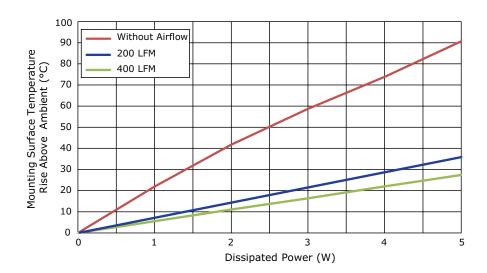
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient ($\Delta T = Ths - Ta$) (°C)				
Power (W)	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		

Ths: "hot spot" temperature measured on the heatsink

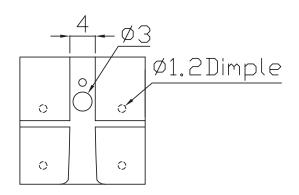
Ta: ambient temperature

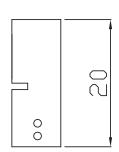


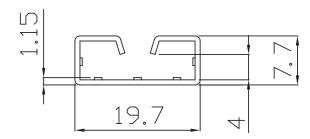
MECHANICAL DRAWING

units: mm tolerance: ±0.5 mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
WEIGHT	2.4 g







Additional Resources: Product Page | 3D Model

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REVISION HISTORY

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