

MODEL: HSS-B20-CP-01 | DESCRIPTION: HEAT SINK
FEATURES

- TO-220 package
- with clip for easy component attachment
- low profile design
- black anodized finish


MODEL

		thermal resistance ¹				power dissipation ¹ @ 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-CP-01		28.85	32.65	6.32	4.85	2.60

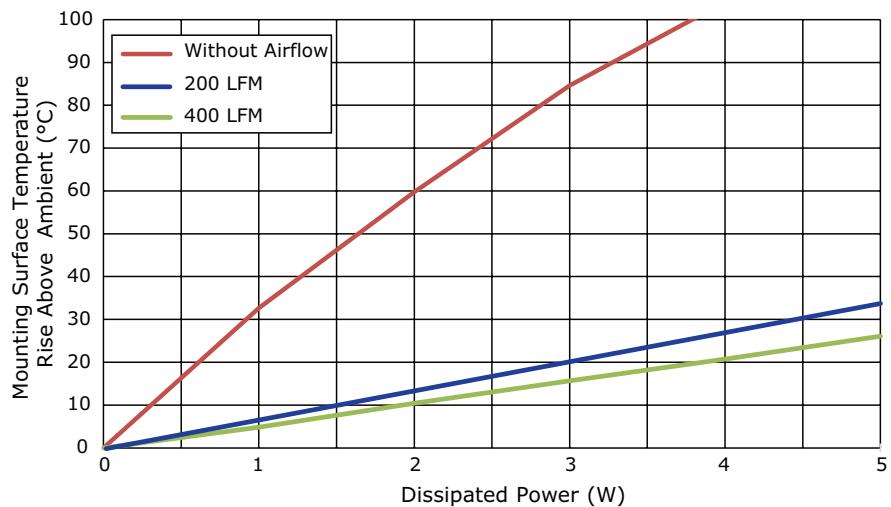
Note: 1. See performance curves for full thermal resistance details.

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	32.65	6.32	4.85
2	59.76	12.95	10.42
3	84.63	19.75	15.69
4	104.13	26.62	20.71
5	122.18	33.69	26.11

Ths: "hot spot" temperature measured on the heatsink

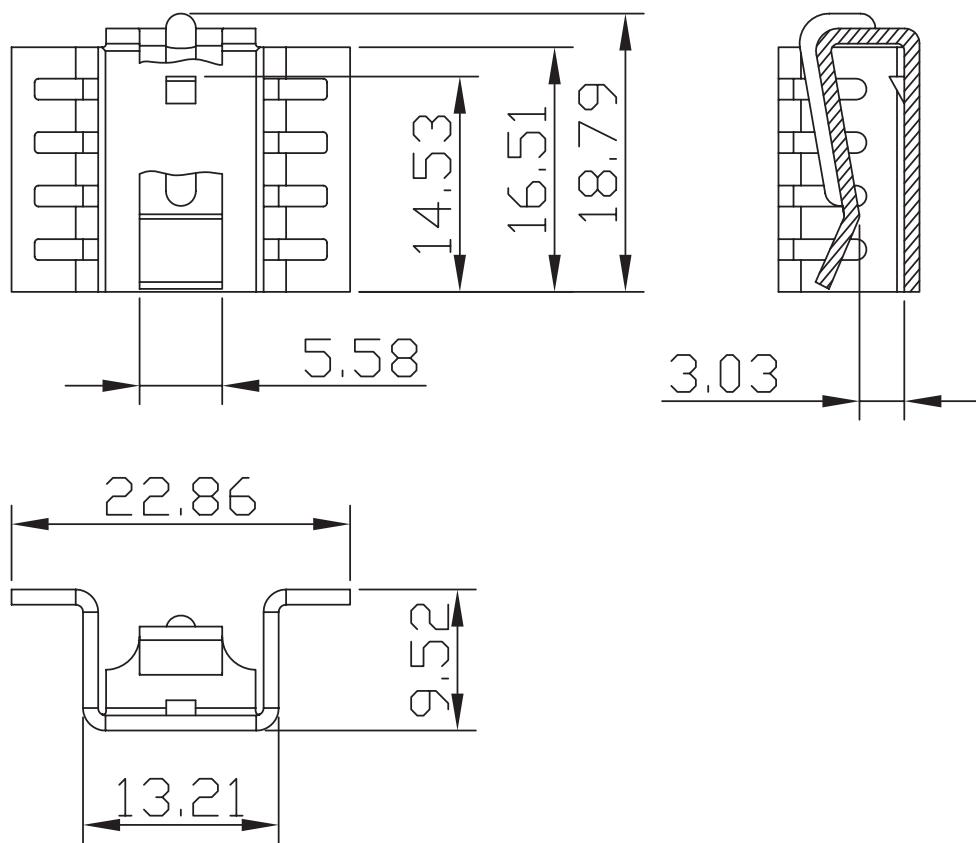
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.0 mm
WEIGHT	1.9 g



REVISION HISTORY

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

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



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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