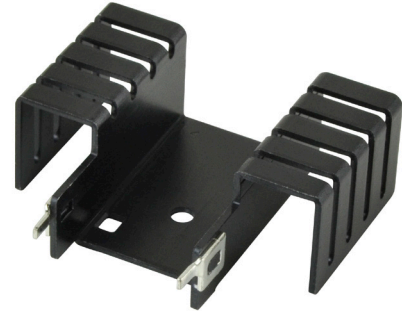


**MODEL:** HSS-B20-05H | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- round hole component attachment
- solder pins for secure PCB mounting
- black anodized finish



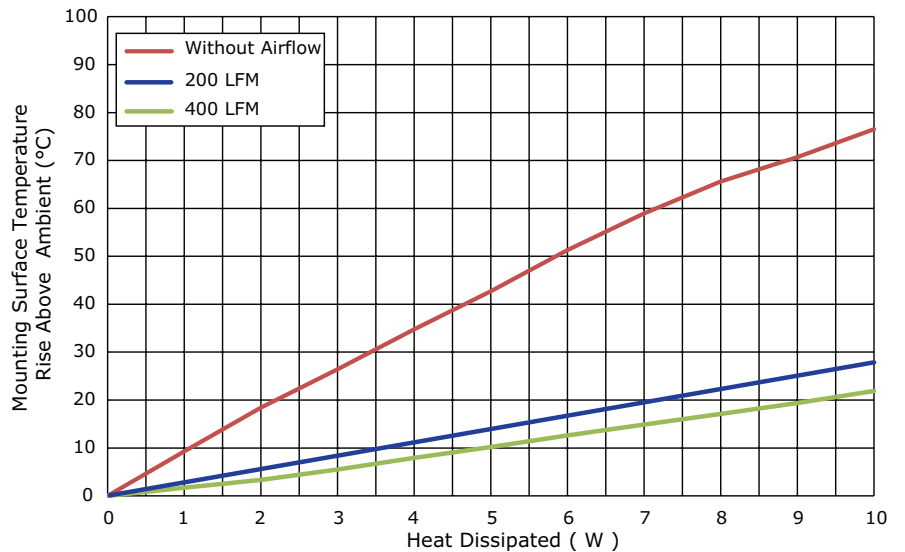
**MODEL**

	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 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-B20-05H	7.65	9.28	2.01	1.71	9.80

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = T <sub>hs</sub> - T <sub>a</sub> ) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	9.28	2.01	1.71
2	18.40	4.86	3.36
3	26.40	7.67	5.49
4	34.76	10.40	7.93
5	42.69	13.54	10.18
6	51.31	16.36	12.60
7	58.97	19.19	14.87
8	65.64	22.01	17.14
9	70.68	24.88	19.38
10	76.52	27.89	21.89

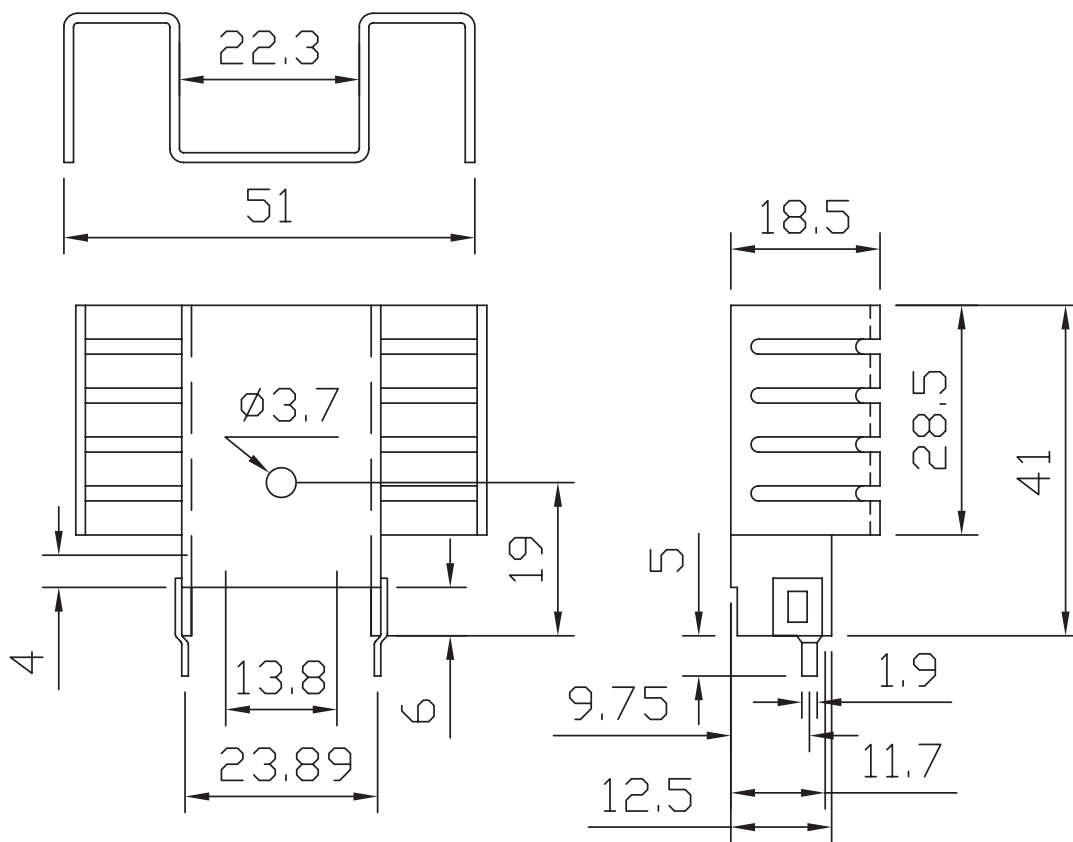


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
 T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance: ±0.5 mm

MATERIAL	AL1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	12.0 g



## REVISION HISTORY

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rev.	description	date
1.0	initial release	04/03/2017

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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