



**MODEL:** HSS-B20-061H-03 | **DESCRIPTION:** HEAT SINK

**FEATURES**

- TO-220 package
- solder pin for secure PCB mounting
- black anodized finish
- aluminum



**MODEL**

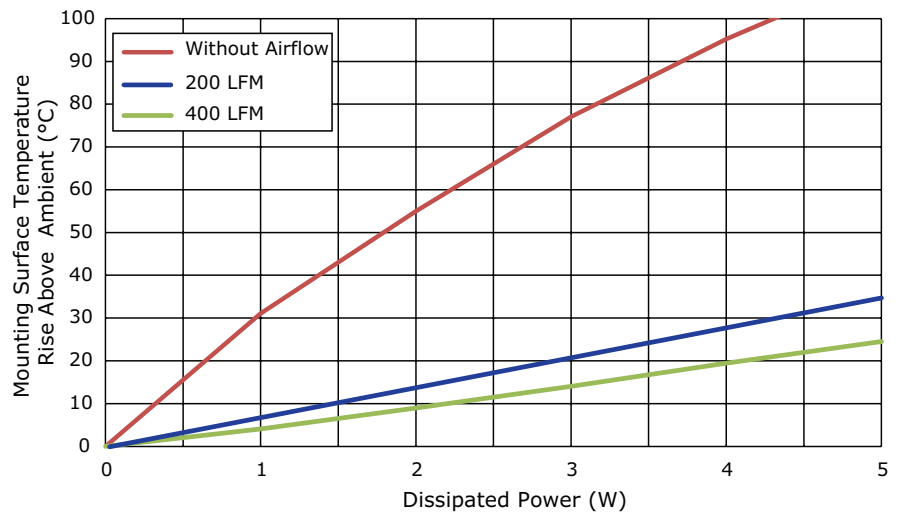
	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup> @ 75°C ΔT, nat conv (W)
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	
HSS-B20-061H-03	25.86	31.07	5.72	4.10	2.90

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

**PERFORMANCE CURVES**

Power (W)	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	31.07	5.72	4.10
2	54.97	12.61	8.99
3	77.04	19.56	14.04
4	95.24	27.21	19.43
5	110.74	34.70	24.50

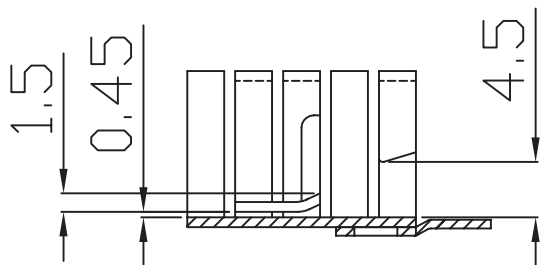
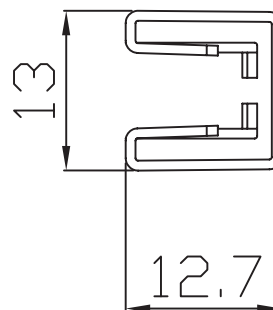
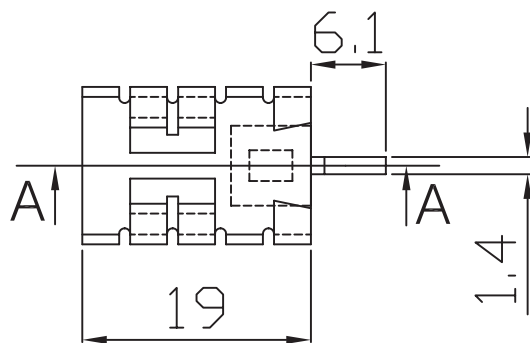
Ths: "hot spot" temperature measured on the heatsink  
Ta: ambient temperature



## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	0.8 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	1.8 g



SECTION A-A

## REVISION HISTORY

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<b>rev.</b>	<b>description</b>	<b>date</b>
1.0	initial release	03/29/2017

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



**Headquarters**  
20050 SW 112th Ave.  
Tualatin, OR 97062  
**800.275.4899**

Fax 503.612.2383  
**cui.com**  
techsupport@cui.com

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

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