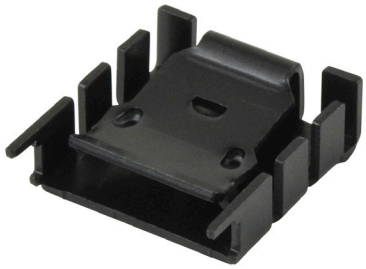
CUI INC®

MODEL: HSS-B20-NP-14 | **DESCRIPTION:** HEAT SINK

FEATURES

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



RoHS

MODEL

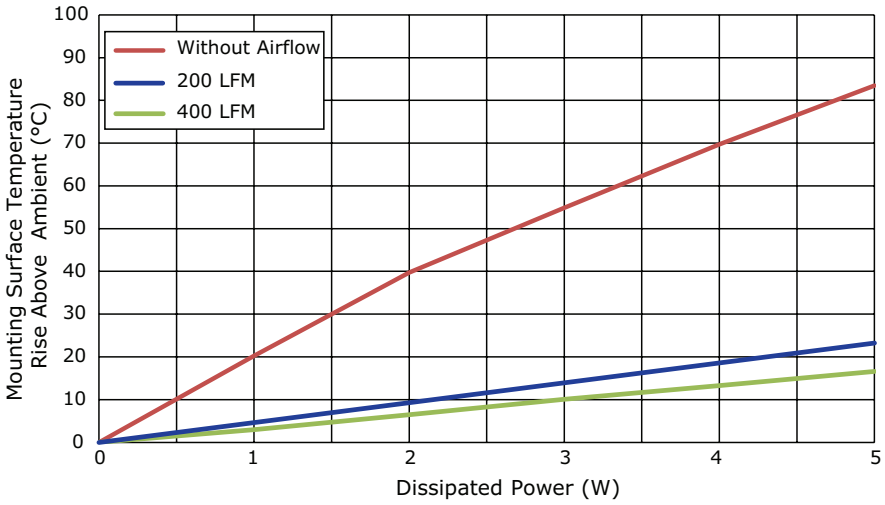
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-B20-NP-14	17.05	20.24	4.51	2.98	4.40

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

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	20.24	4.51	2.98
2	39.74	9.11	6.46
3	54.87	13.92	10.06
4	69.73	18.51	13.29
5	83.44	23.25	16.59

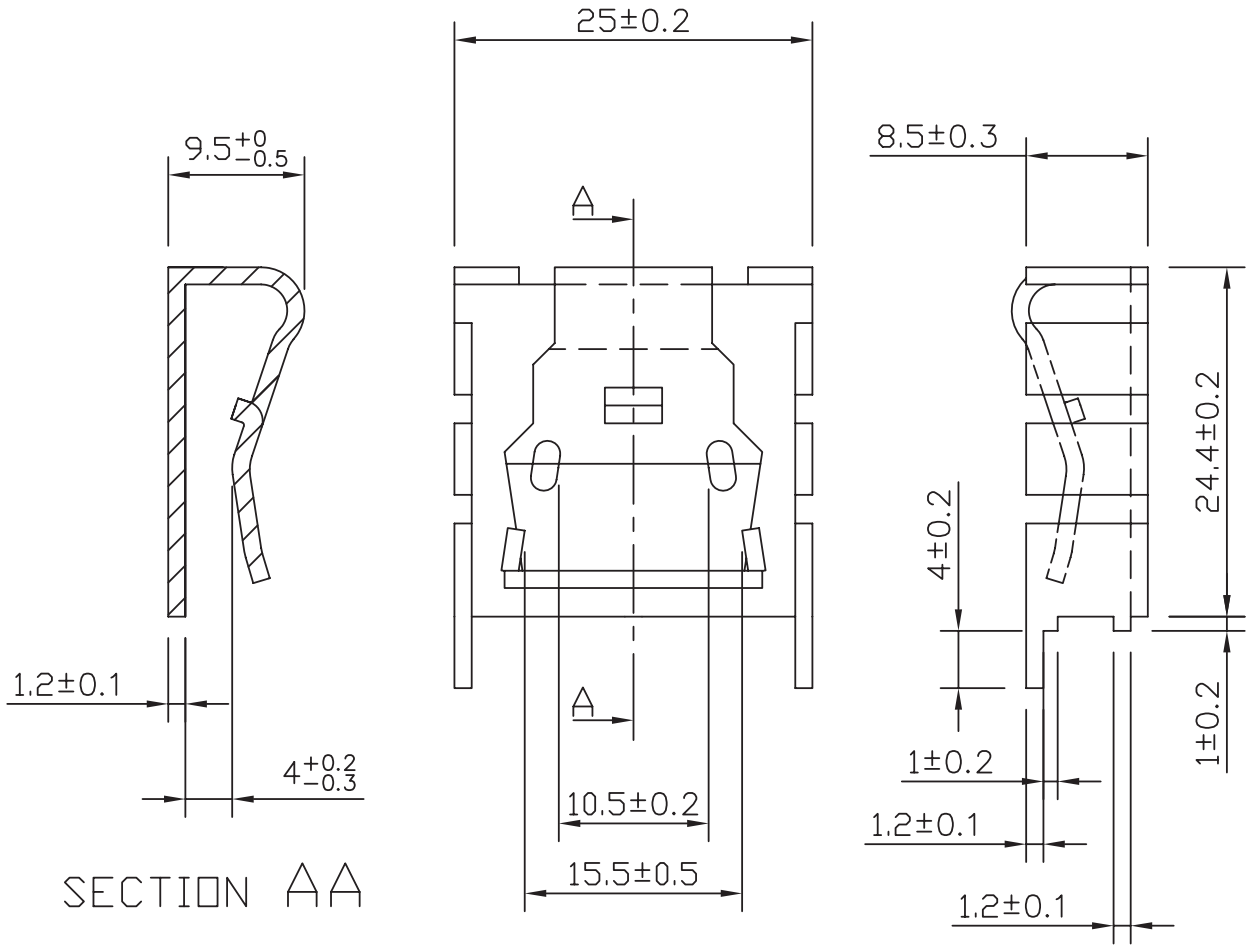
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL5052
FINISH	black anodized
THICKNESS	1.2 mm
WEIGHT	4.2 g



REVISION HISTORY

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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