CUI DEVICES

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

FEATURES

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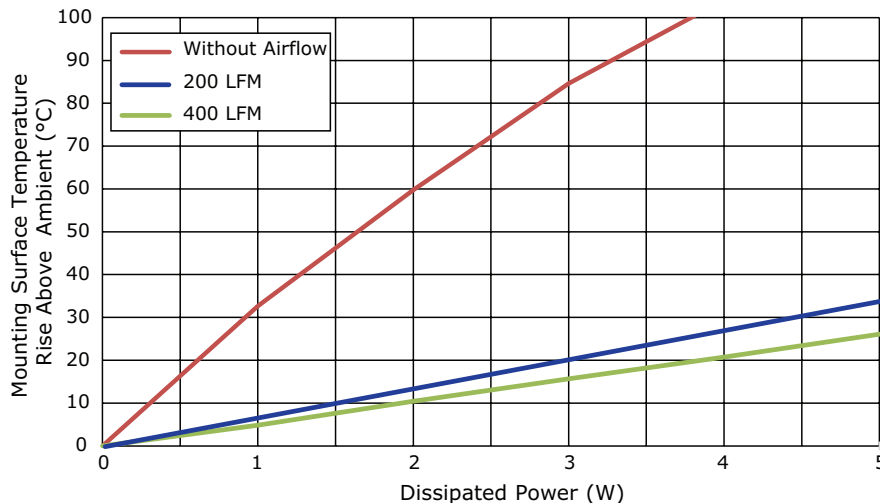- black anodized finish

RoHS

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-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 (ΔT = 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

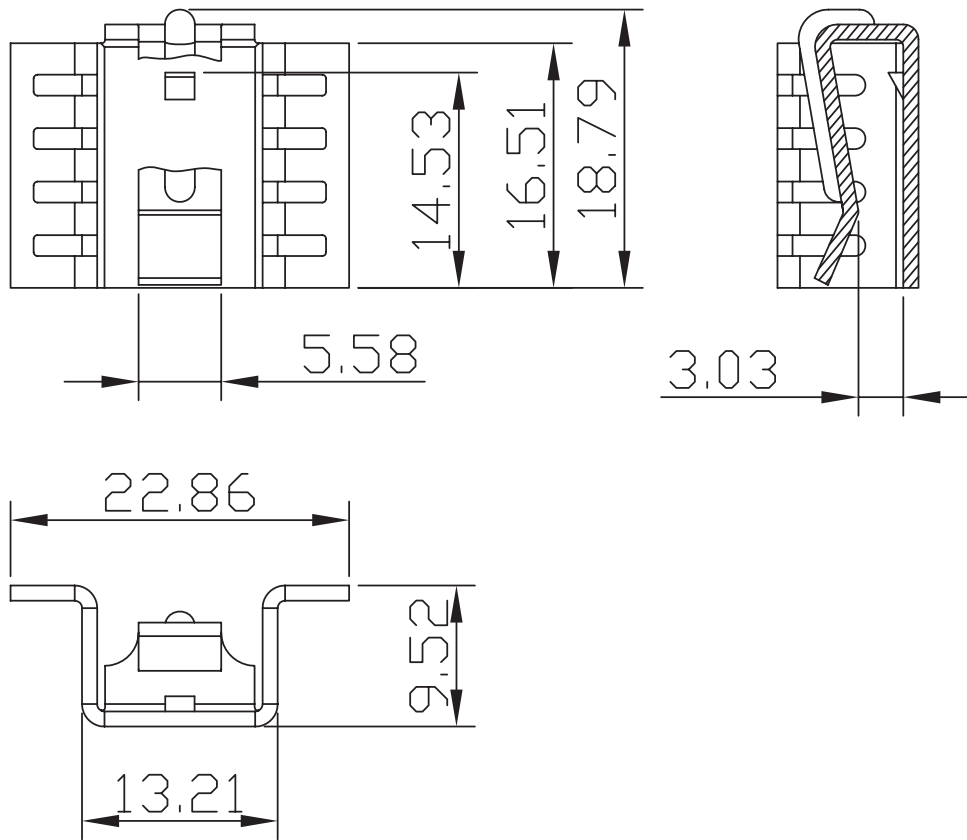Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

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
1.01	brand update	02/13/2020

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

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cuidevices.com