CUI DEVICES

MODEL: HSS13-B20-NP | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-220 package
- slide in attachment
- aluminum alloy
- black anodized finish

RoHS

MODEL

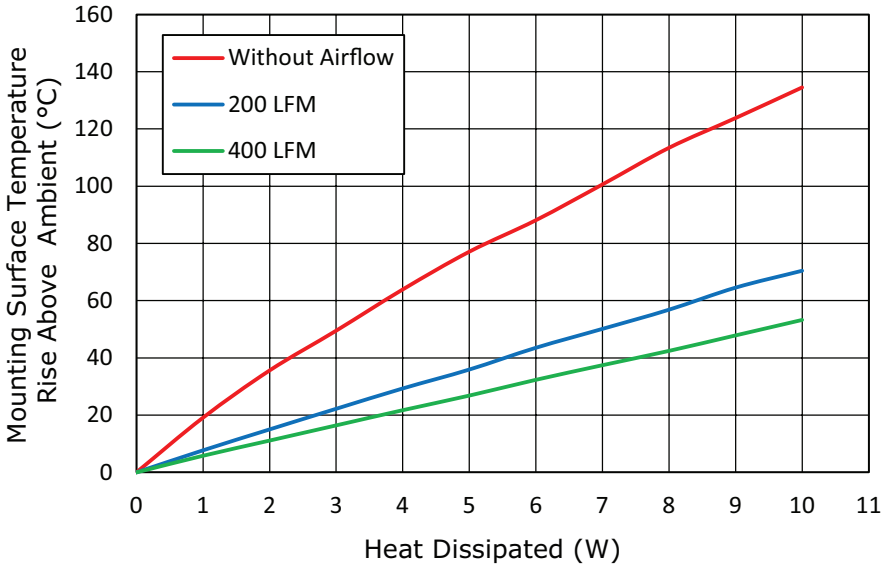
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	**@ 1 W, nat conv** (°C/W)	**@ 1 W, 200 LFM** (°C/W)	**@ 1 W, 400 LFM** (°C/W)	**@ 75°C ΔT, nat conv** (W)
HSS13-B20-NP	15.50	19.1	7.7	5.8	4.84

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	19.1	7.7	5.8
2	35.6	15.0	11.1
3	49.5	22.2	16.4
4	63.9	29.3	21.7
5	77.1	35.9	26.8
6	88.1	43.5	32.3
7	100.6	50.1	37.4
8	113.4	56.8	42.4
9	123.8	64.5	47.8
10	134.5	70.4	53.2

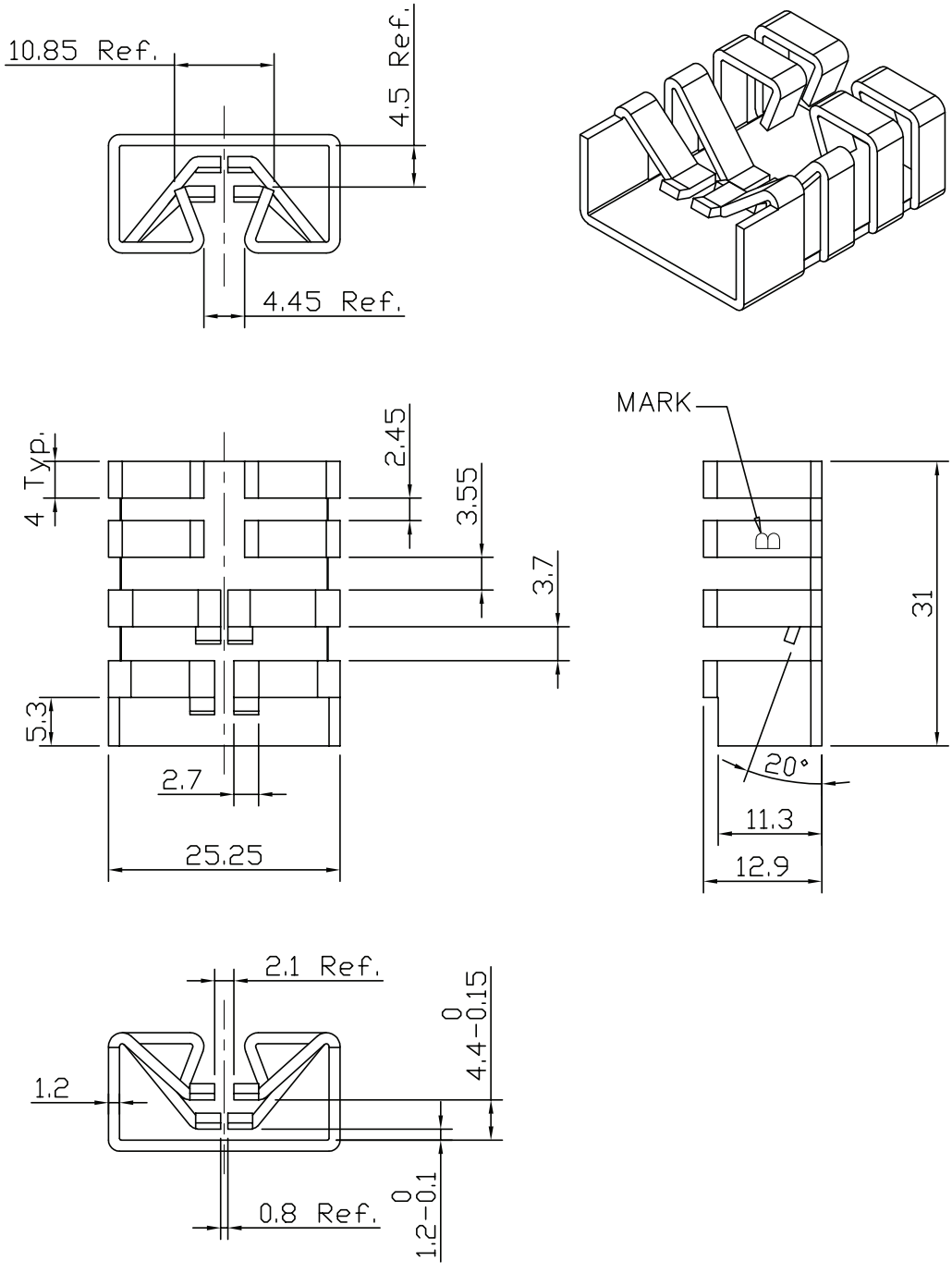
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.38 mm

MATERIAL	AL 5052
FINISH	black anodized
THICKNESS	1.2 mm
WEIGHT	6.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	06/25/2021

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