

MODEL: HSS28-B20-P39 | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 or TO-218 package
- solder pin
- aluminum alloy

**MODEL**

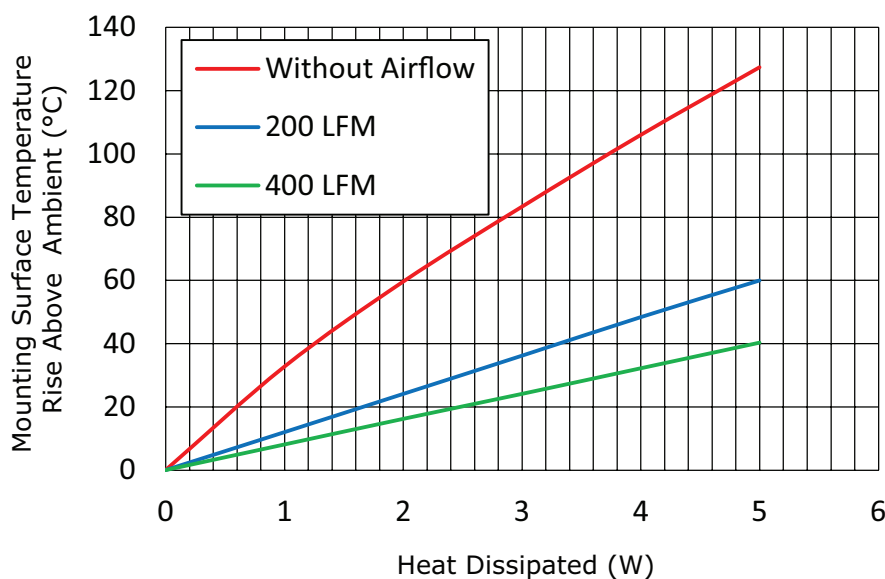
	thermal resistance ¹				power dissipation ¹
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS28-B20-P39	27.66	32.7	12.0	8.1	2.71

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

PERFORMANCE CURVES

Power (W)	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) (°C)		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	32.7	12.0	8.1
2	59.6	24.1	16.2
3	83.3	36.2	24.1
4	106.0	48.4	32.2
5	127.4	60.0	40.3

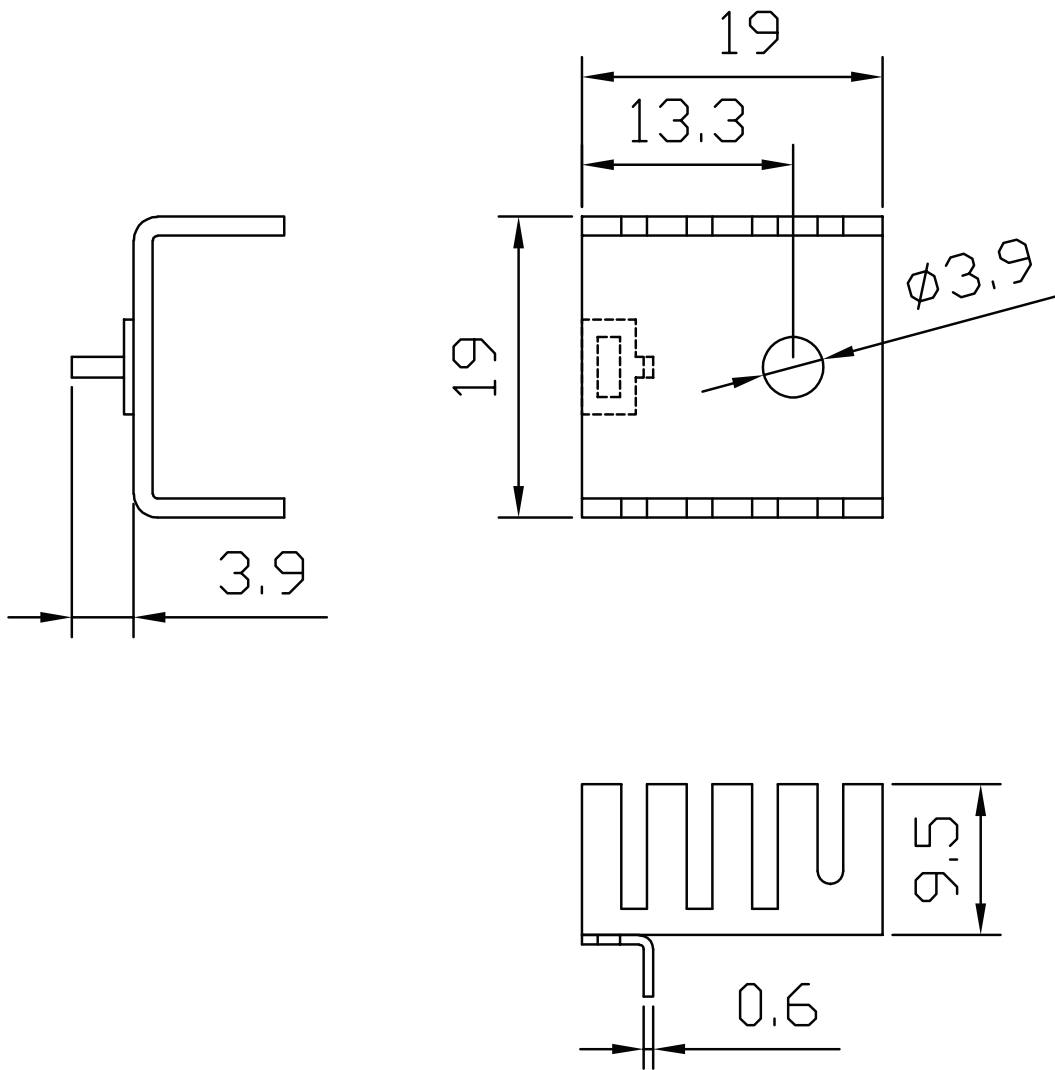
T_{hs} : "hot spot" temperature measured on the heatsink
 T_a : ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	AL 1050
FINISH	black anodized
THICKNESS	1.2 mm
PIN MATERIAL	brass
PIN PLATING	tin
WEIGHT	2.1 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/20/2022

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

CUI DEVICES

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