

date 08/05/2022

page 1 of 3

MODEL: HSE05-171933 | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 or TO-218 package
- low profile
- aluminum alloy





thermal resistance¹ **MODEL** power dissipation¹ @ 75°C ∆T, nat @ 1 W, @ 1 W, @ 1 W, @ 75°C ∆T, nat 400 LFM conv (°C/W) 200 LFM nat conv conv (°C/W) $(^{\circ}C/W)$ (°C/W) (W) HSE05-171933 22.6 6.9 4.5 3.98 18.83

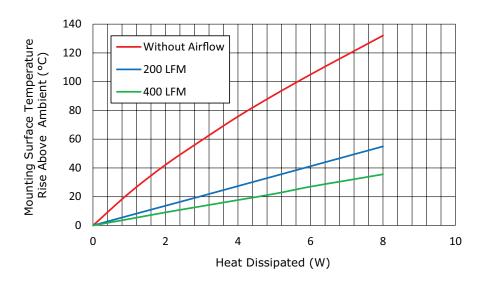
Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	22.6	6.9	4.5
2	42.2	13.7	9.1
3	59.3	20.5	13.4
4	75.8	27.4	17.7
5	90.8	34.3	22.0
6	105.0	41.2	27.0
7	118.6	48.1	31.3
8	132.1	55.0	35.6

Ths: "hot spot" temperature measured on the heatsink

Ta: ambient temperature

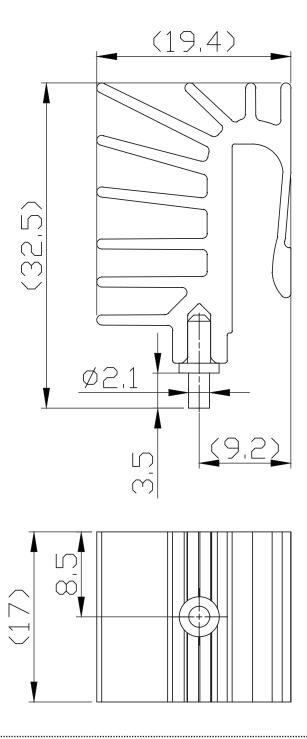


MECHANICAL DRAWING

units: mm

tolerance: ±0.5 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PIN MATERIAL	steel
PIN PLATING	tin
WEIGHT	9.6 g



REVISION HISTORY

rev.	description	date
1.0	initial release	04/25/2022
1.01	logo, datasheet style update	08/05/2022

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



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

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