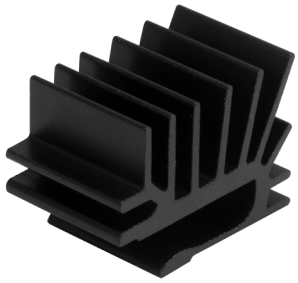
CUI Devices is now Same Sky! Learn More

MODEL: HSE05-171933 | DESCRIPTION: HEAT SINK

FEATURES

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



RoHS

MODEL

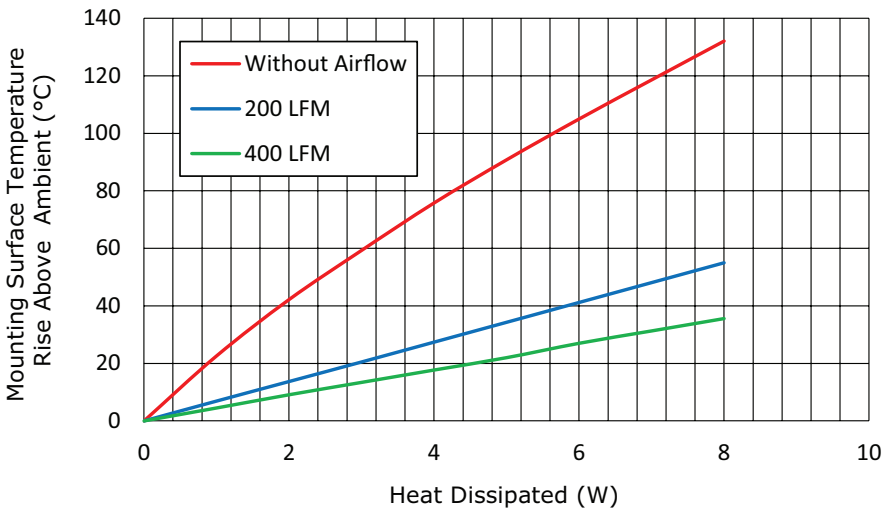
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSE05-171933	18.83	22.6	6.9	4.5	3.98

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

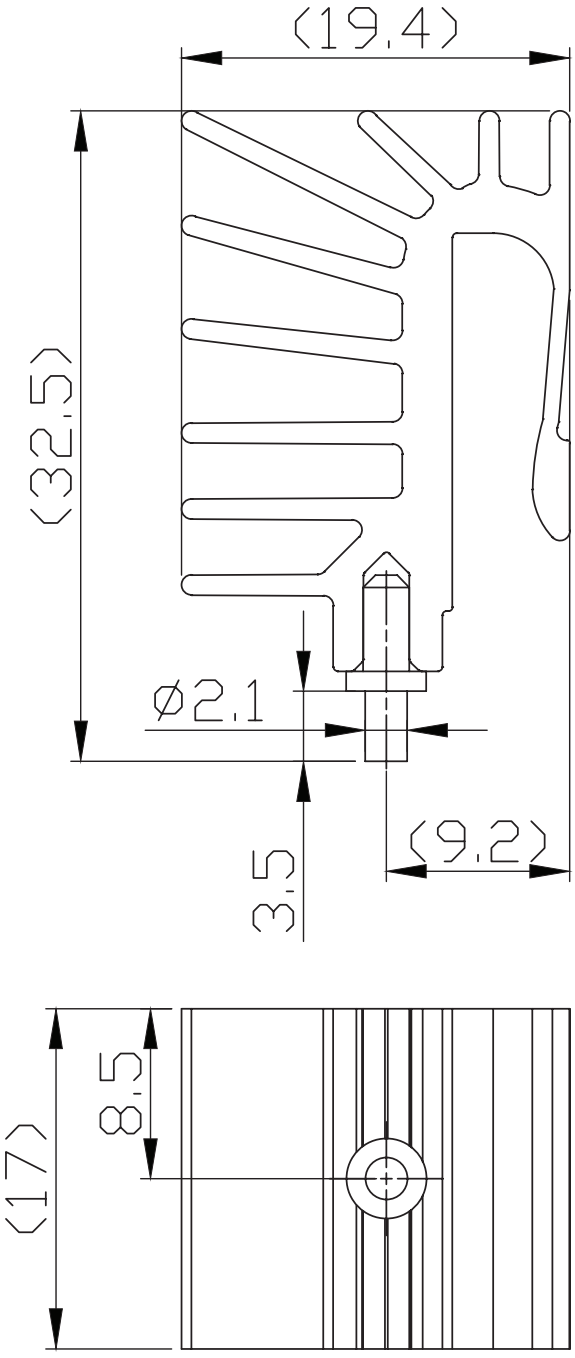
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



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
1.02	CUI Devices rebranded to Same Sky	09/12/2024

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

same sky

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

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