



MODEL: HSE17-252525P | **DESCRIPTION:** HEAT SINK

FEATURES

- TO-218, TO-220, or TO-247 package
- bolt on attachment
- pins for secure PCB attachment
- aluminum alloy



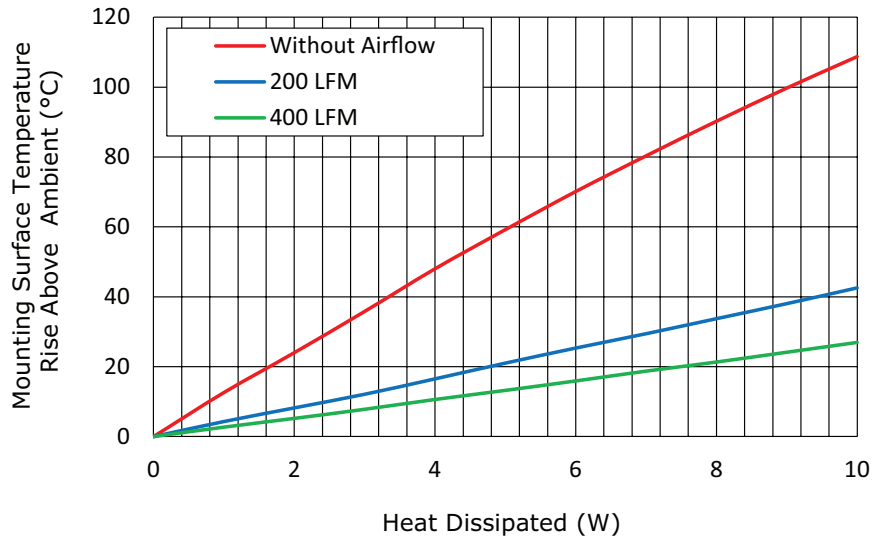
MODEL

	thermal resistance ¹				power dissipation ¹ @ 75°C ΔT, nat conv [W]
	@ 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]	
HSE17-252525P	11.53	12.6	4.3	2.7	6.50

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient (ΔT = T _{hs} - T _a) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	12.6	4.3	2.7
2	24.0	8.2	5.2
3	35.8	12.1	7.8
4	48.0	16.5	10.6
5	59.2	21.0	13.2
6	70.1	25.3	15.9
7	80.3	29.4	18.7
8	90.2	33.7	21.3
9	99.7	38.0	24.1
10	108.7	42.5	26.9

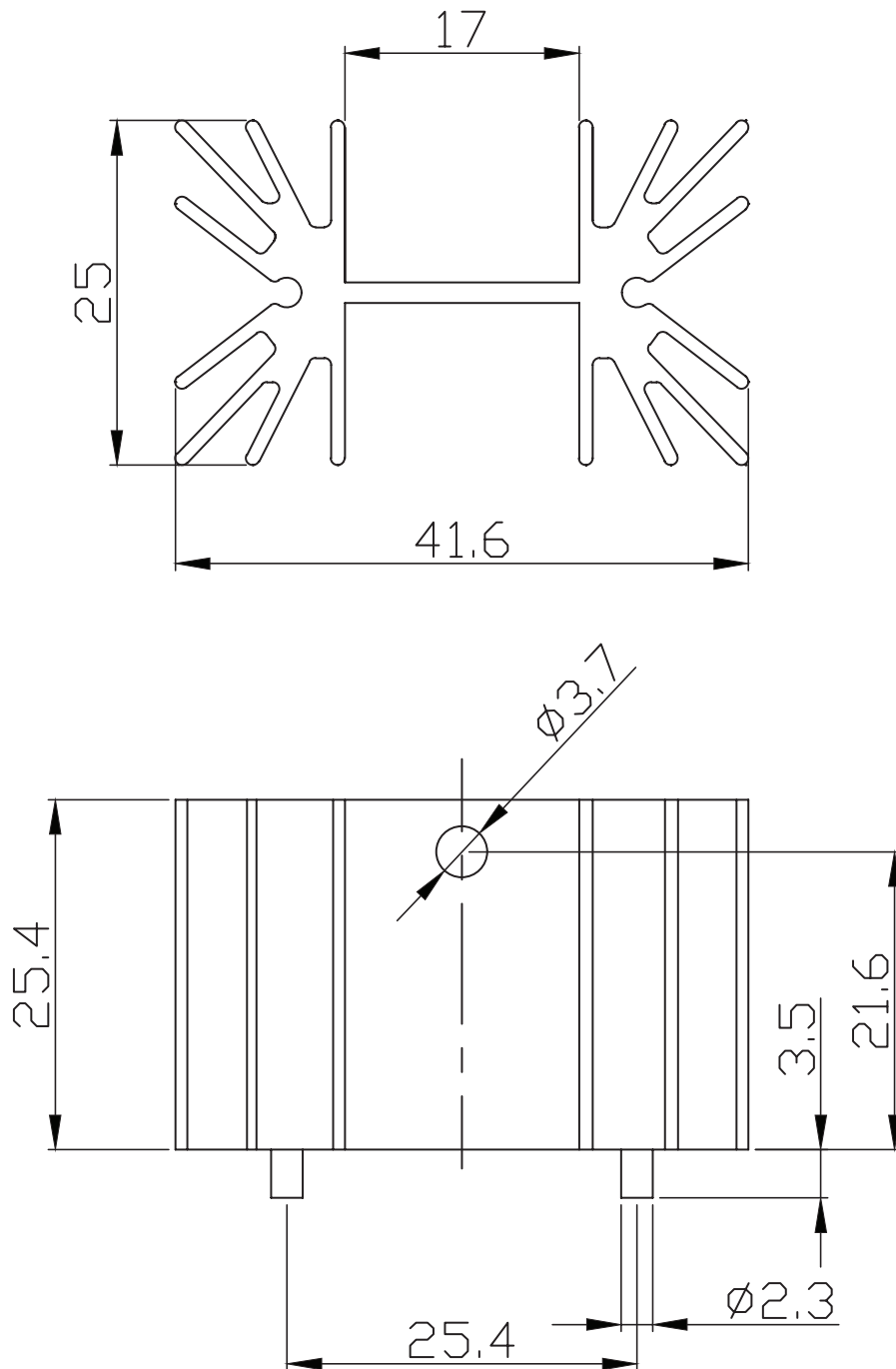


T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature

MECHANICAL DRAWING

units: mm
tolerance: ± 0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PIN MATERIAL	steel
PIN PLATING	2-3 μ m tin
WEIGHT	20.0 g



REVISION HISTORY

rev.	description	date
1.0	initial release	03/03/2025

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



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

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