

**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



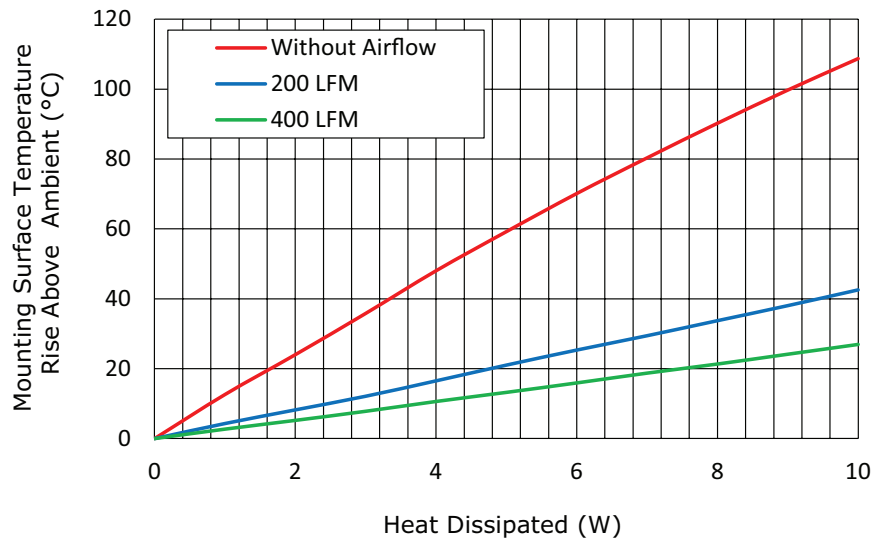
**MODEL**

HSE17-252525P	thermal resistance <sup>1</sup>				power dissipation <sup>1</sup>
	@ 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)
	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 <sub>hs</sub> - T <sub>a</sub> ) [°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

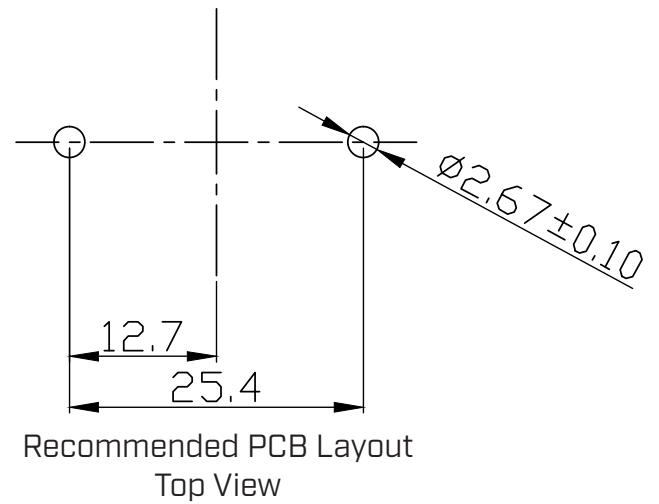
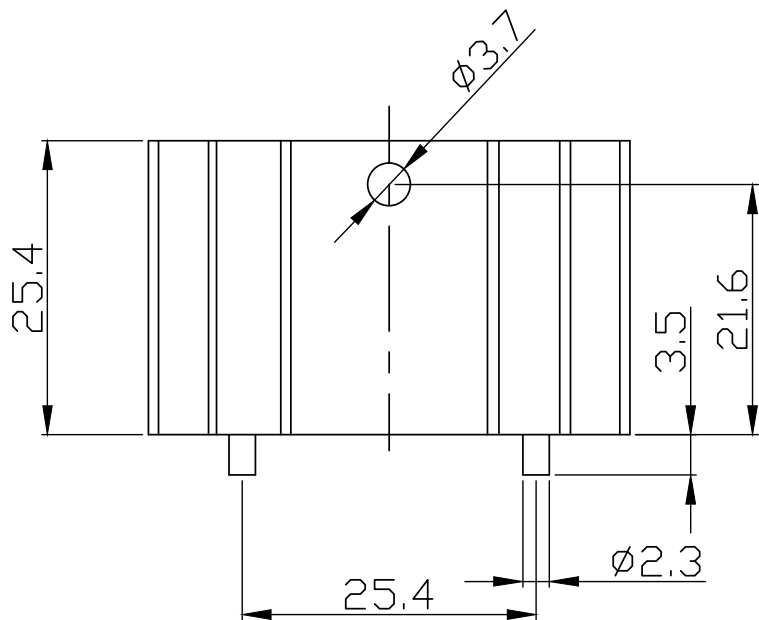
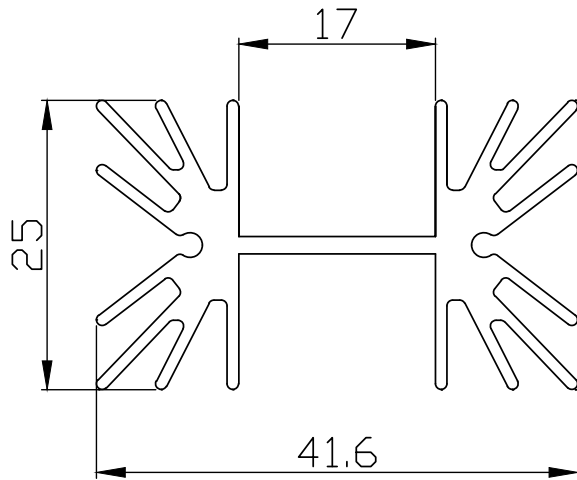


T<sub>hs</sub>: "hot spot" temperature measured on the heatsink  
T<sub>a</sub>: ambient temperature

## MECHANICAL DRAWING

units: mm  
tolerance: ±0.50 mm

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



## REVISION HISTORY

rev.	description	date
1.0	initial release	03/03/2025
1.01	added recommended PCB layout	11/17/2025

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



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