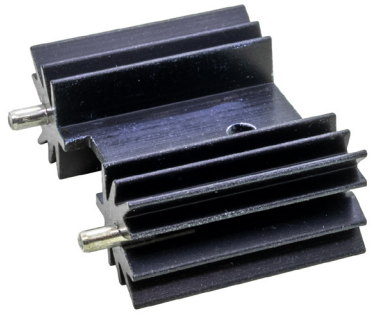
same sky

Additional Resources: Product Page

MODEL: HSE18-252513P | DESCRIPTION: HEAT SINK

FEATURES

- TO-220 package
- bolt on attachment
- pins for secure PCB attachment
- aluminum alloy



RoHS

MODEL

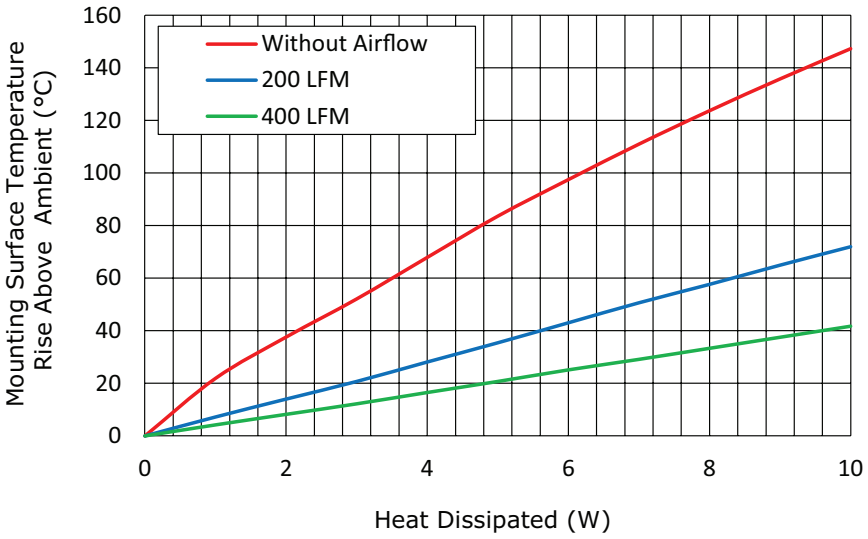
MODEL	thermal resistance[1] @ 75°C ΔT, nat conv (°C/W)	thermal resistance[1] @ 1 W, nat conv (°C/W)	thermal resistance[1] @ 1 W, 200 LFM (°C/W)	thermal resistance[1] @ 1 W, 400 LFM (°C/W)	power dissipation[1] @ 75°C ΔT, nat conv (W)
HSE18-252513P	16.83	21.9	7.2	4.2	4.46

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	21.9	7.2	4.2
2	37.6	14.0	8.2
3	52.1	20.7	12.2
4	67.9	28.1	16.5
5	83.6	35.4	20.7
6	97.5	43.0	25.1
7	111.0	50.6	29.1
8	123.7	57.6	33.3
9	135.8	64.9	37.5
10	147.3	71.9	41.7

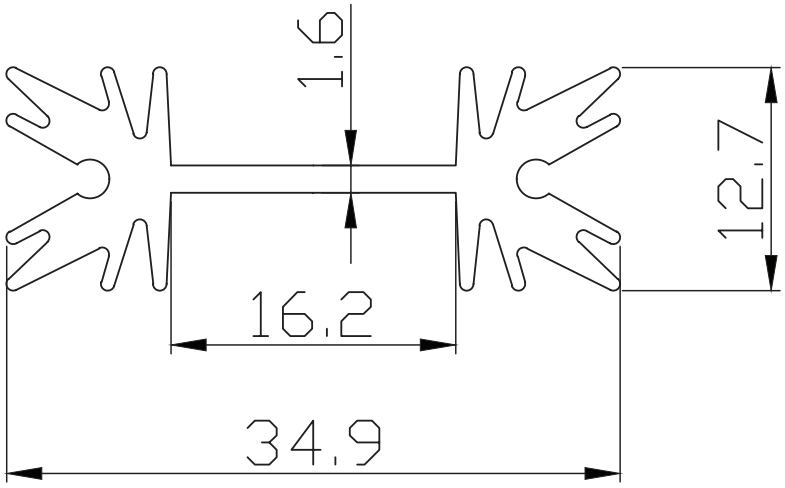
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature

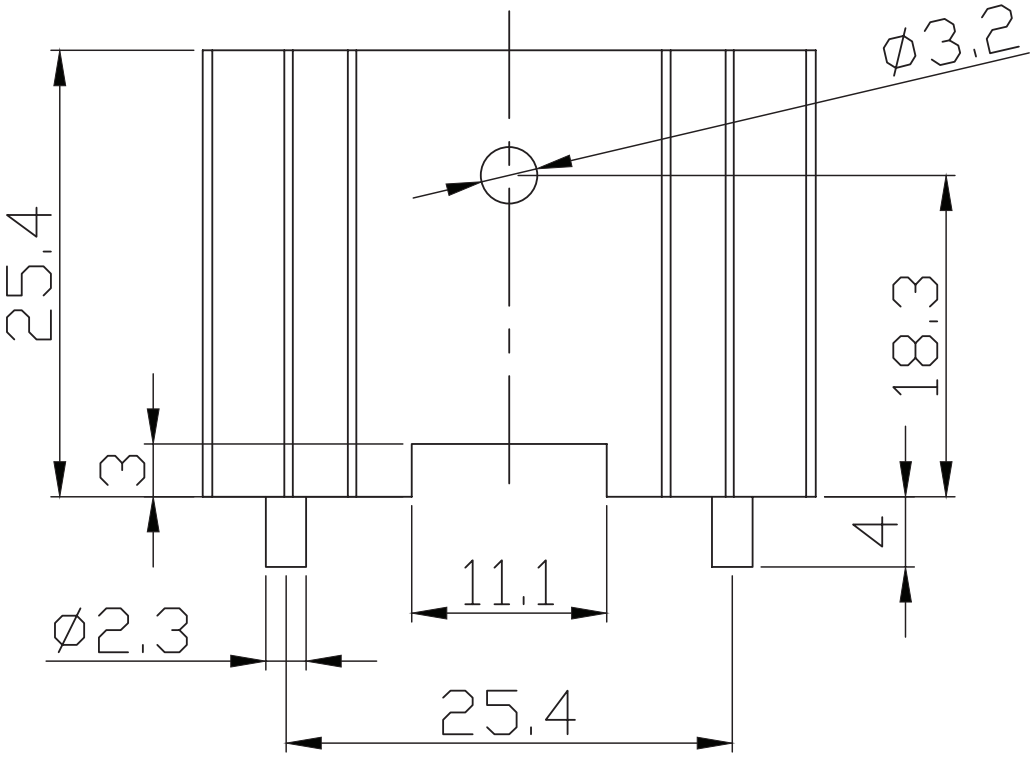


MECHANICAL DRAWING

units: mm
tolerance: ±0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PIN MATERIAL	steel
PIN PLATING	2~3 µm tin
WEIGHT	16.1 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.