

**MODEL:** HSS29-302513P | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-220 package
- use with clip HSC-12
- pins for secure PCB attachment
- aluminum alloy

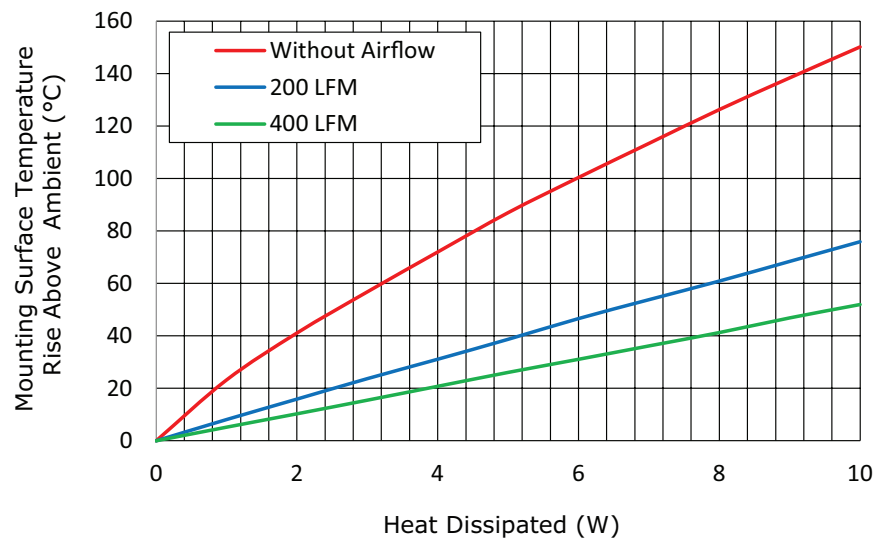
**MODEL**

	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]
HSS29-302513P	17.67	23.2	8.1	5.2	4.25

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

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient ($\Delta T = T_{hs} - T_a$) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	23.2	8.1	5.2
2	41.1	15.9	10.3
3	56.8	23.7	15.5
4	72.0	31.1	20.8
5	87.0	38.7	26.1
6	100.4	46.6	31.1
7	113.4	53.8	36.2
8	126.3	60.9	41.3
9	138.4	68.4	46.9
10	150.2	75.9	52.0



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

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in millimeters. The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 12.7
- Overall height: 30
- Distance from the left edge to the center of the mounting hole: 1.5
- Distance from the right edge to the center of the mounting hole: 8.35
- Thickness of the part: 0.6

Side View Dimensions:

- Overall height: 30
- Distance from the bottom edge to the center of the mounting hole: 1.5
- Distance from the right edge to the center of the mounting hole: 8.35

The part features a central mounting hole with a diameter of 1.5 mm. The top view shows a rectangular shape with a central hole and a small rectangular feature on the right side. The side view shows a rectangular shape with a central hole and a small rectangular feature on the right side.

REVISION HISTORY

rev.	description	date
1.0	initial release	03/14/2025

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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