

**MODEL:** HSS-C200-SMT-TR | **DESCRIPTION:** HEAT SINK**FEATURES**

- TO-252 package
- surface mount
- tape & reel packaging
- tin plated copper

**MODEL**

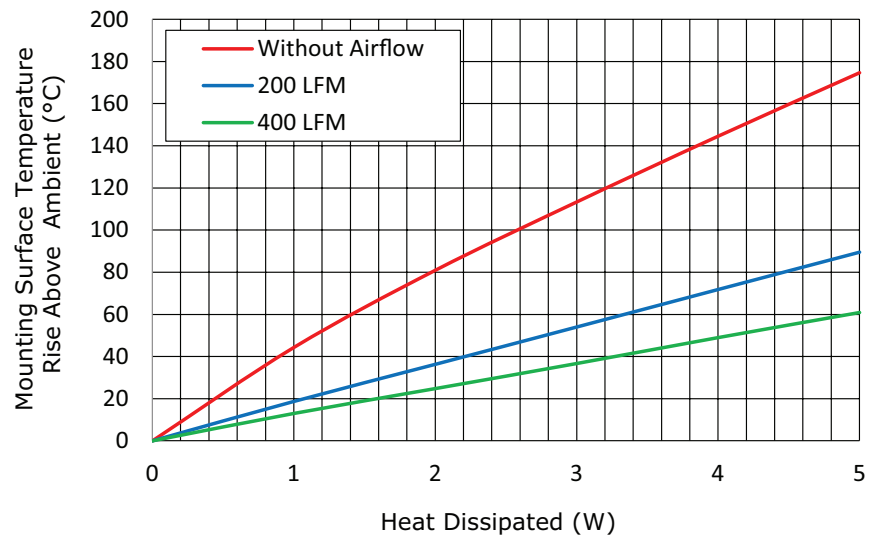
	thermal resistance ¹				power dissipation ¹ @ 75°C ΔT, nat conv [W]
	@ 75°C ΔT, nat conv [°C/W]	@ 1 W, nat conv [°C/W]	@ 1 W, 200 LFM [°C/W]	@ 1 W, 400 LFM [°C/W]	
HSS-C200-SMT-TR	40.45	44.3	18.7	13.0	1.85

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	44.3	18.7	13.0
2	80.9	36.3	24.8
3	113.3	54.0	36.7
4	144.5	71.8	49.0
5	174.6	89.5	60.9

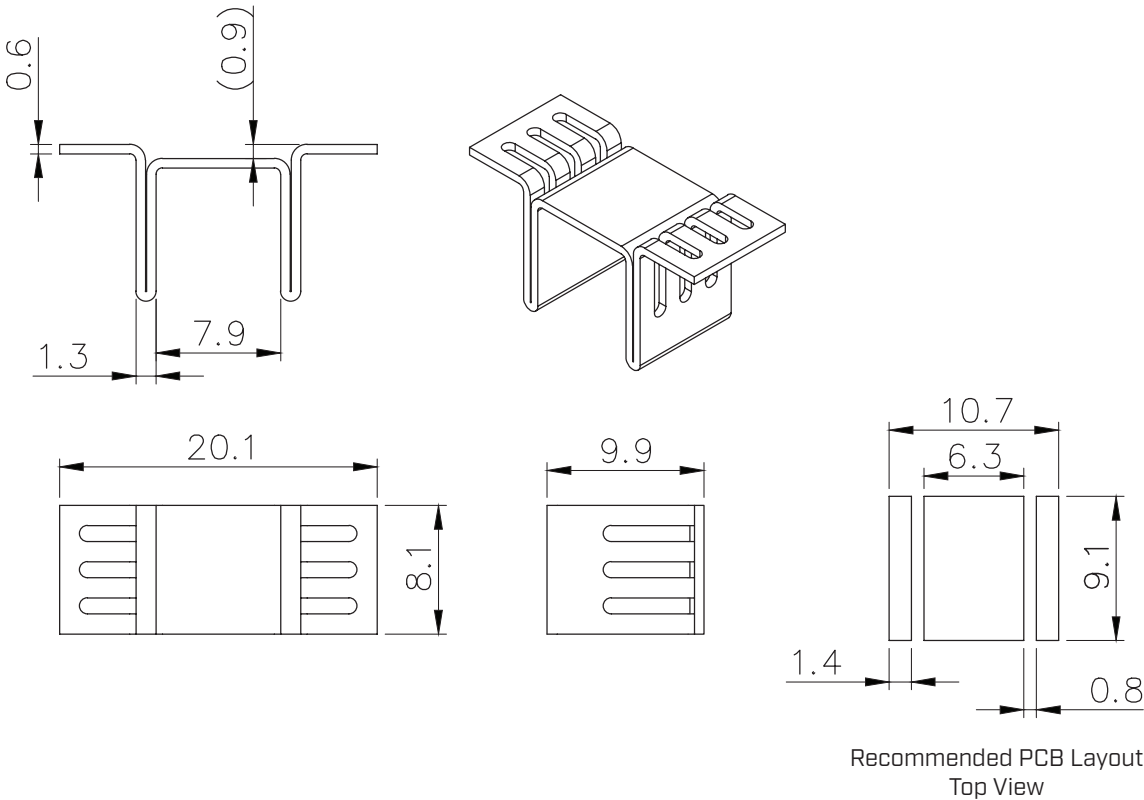
T_{hs}: "hot spot" temperature measured on the heatsink
T_a: ambient temperature



MECHANICAL DRAWING

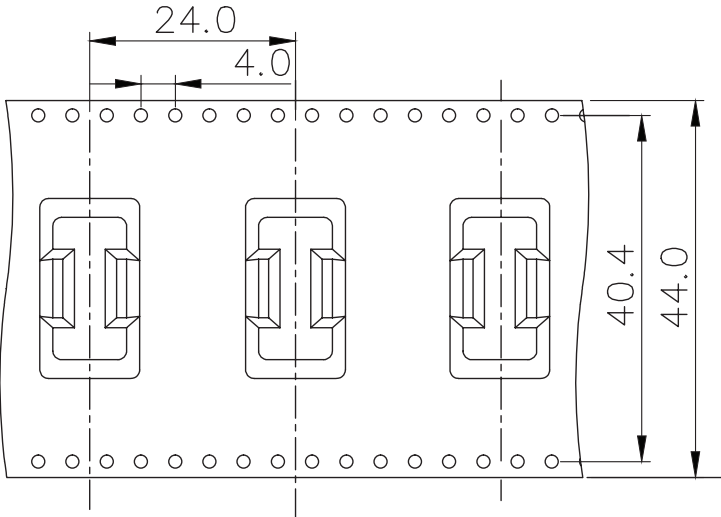
units: mm
tolerance: ±0.5 mm

MATERIAL	copper
FINISH	tin
THICKNESS	0.6 mm
WEIGHT	3.7 g



PACKAGING

units: mm
Reel QTY: 250 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	03/04/2025

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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