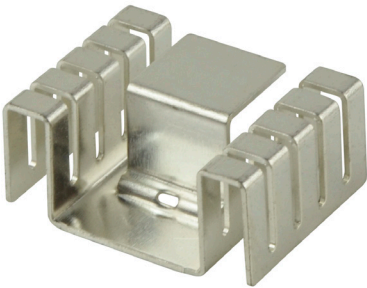


MODEL: HSS-C2540-SMT-TR

DESCRIPTION: HEAT SINK

FEATURES

- TO-263 package
- low profile design
- surface mount
- tape and reel pack



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]
HSS-C2540-SMT-TR	19.74	21.90	5.50	4.00	3.80

Note:

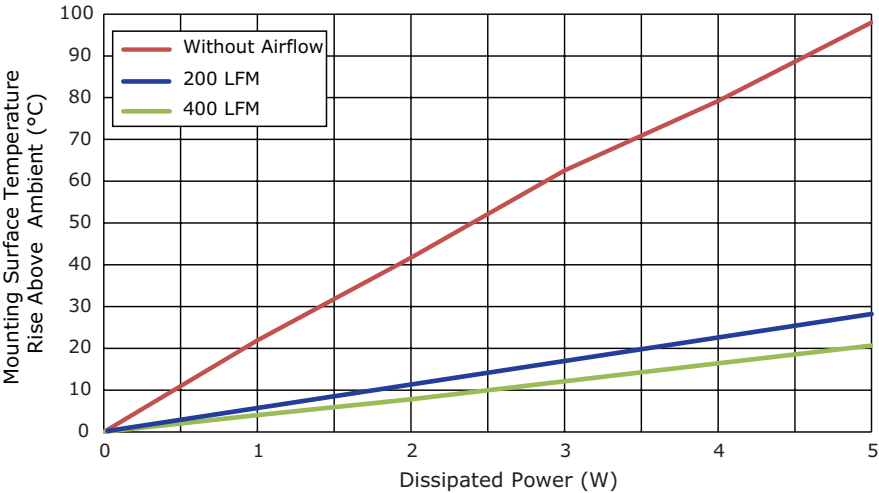
1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

Power [W]	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) [°C]		
	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	21.90	5.50	4.00
2	41.68	11.15	7.79
3	62.55	16.69	12.14
4	79.22	22.44	16.40
5	98.00	28.21	20.66

Ths: "hot spot" temperature measured on the heatsink

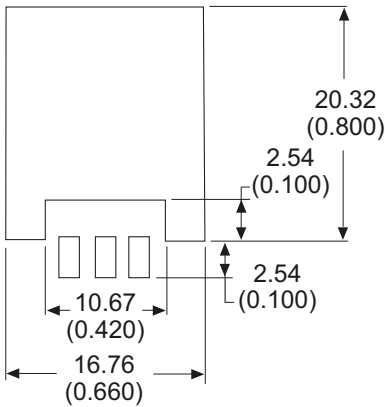
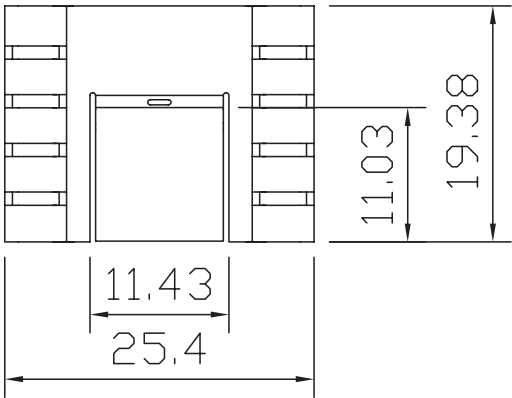
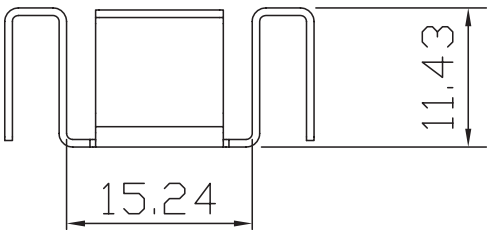
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.3 mm

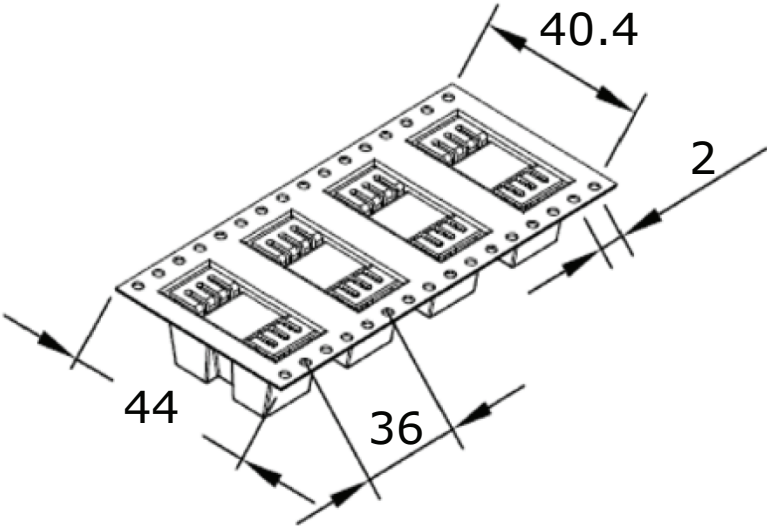
MATERIAL	C1100
FINISH	tin plated
THICKNESS	0.6 mm
WEIGHT	8.9 g



Recommended Copper Pad Layout
Top View

PACKAGING

units: mm
Reel QTY: 150 pcs per reel



REVISION HISTORY

rev.	description	date
1.0	initial release	04/03/2017
1.01	brand update	02/13/2020
1.02	added recommended PCB layout details	03/10/2020
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/12/2024

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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