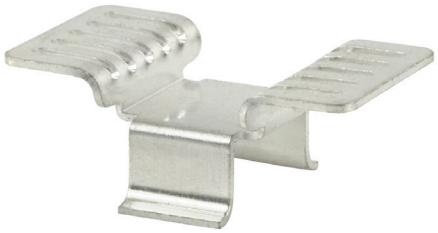
CUDEVICES

MODEL: HSS-C2591-SMT-TR | **DESCRIPTION:** HEAT SINK

FEATURES

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



RoHS

MODEL

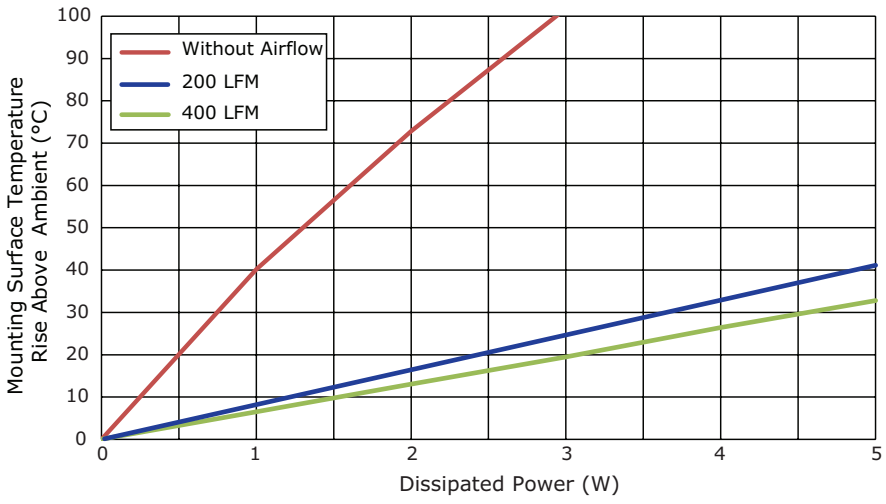
MODEL	thermal resistance[1]				power dissipation[1]
	@ 75°C ΔT, nat conv (°C/W)	@ 1 W, nat conv (°C/W)	@ 1 W, 200 LFM (°C/W)	@ 1 W, 400 LFM (°C/W)	@ 75°C ΔT, nat conv (W)
HSS-C2591-SMT-TR	35.71	40.16	8.15	6.53	2.10

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	40.16	8.15	6.53
2	72.83	16.45	13.07
3	101.82	24.62	19.46
4	126.09	32.75	26.41
5	142.01	41.12	32.82

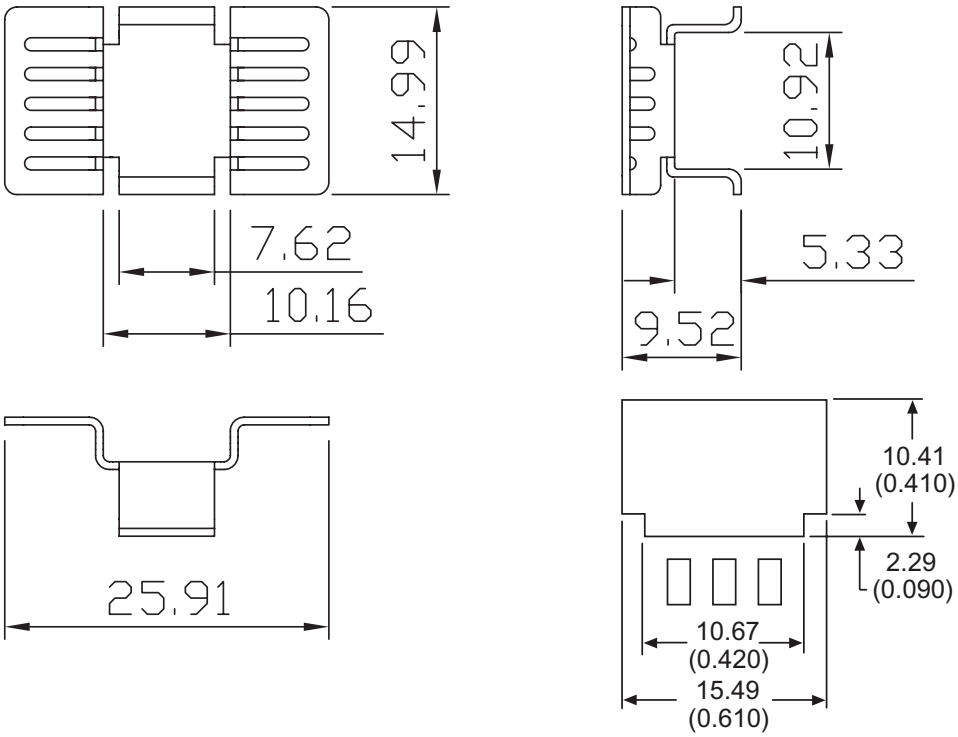
Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature



MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

MATERIAL	C1100
FINISH	tin plated
THICKNESS	0.6 mm
WEIGHT	5.0 g

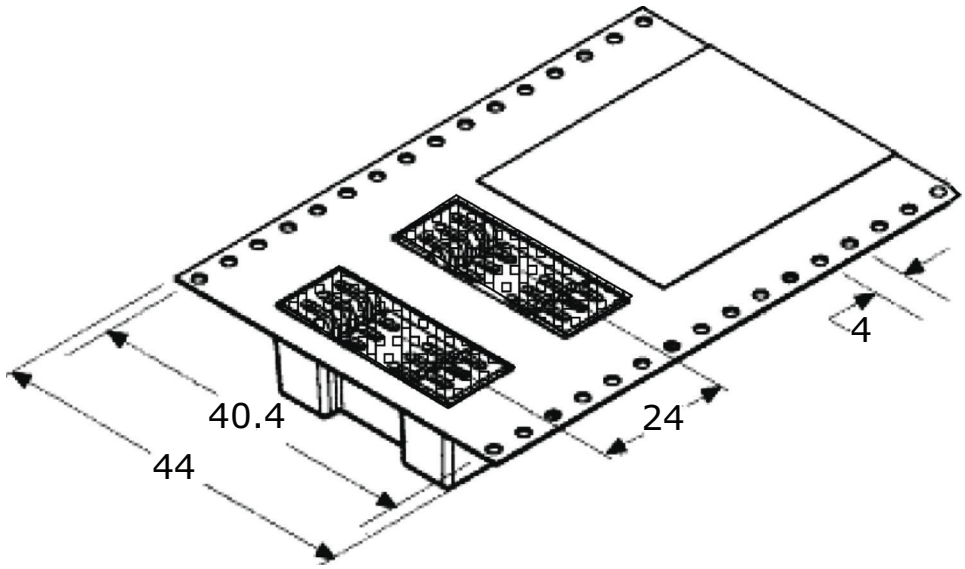


Recommended Copper Pad Layout
Top View

PACKAGING

units: mm

Reel QTY: 250 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

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