



date 09/12/2024

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## MODEL: HSB41-303014P | DESCRIPTION: HEAT SINK

#### **FEATURES**

- BGA design
- push pins
- aluminum alloy
- black anodized finish





#### thermal resistance1 power dissipation<sup>1</sup> @ 75°C ∆T, nat @ 1 W, @ 75°C ∆T, nat @ 1 W, @ 1W, 400 LFM conv (°C/W) 200 LFM nat conv conv $(^{\circ}C/W)$ (°C/W) (°C/W) (W) 15.1 4.3 2.9 5.94 HSB40-252510P 12.63

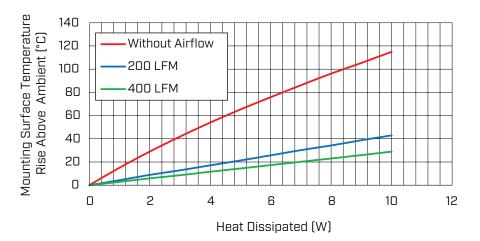
Note: 1. See performance curves for full thermal resistance details.

### PERFORMANCE CURVES

	Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)		
Power (W)	Natural Conv.	200 LFM	400 LFM
0	0	0	0
1	15.1	4.3	2.9
2	29.0	8.9	5.9
3	41.9	12.8	8.6
4	54.0	17.1	11.6
5	65.3	21.3	14.4
6	75.9	25.7	17.3
7	86.2	30.2	20.2
8	96.2	34.2	23.0
9	105.4	38.7	25.9
10	115.0	42.9	28.9

Ths: "hot spot" temperature measured on the heatsink

Ta: ambient temperature

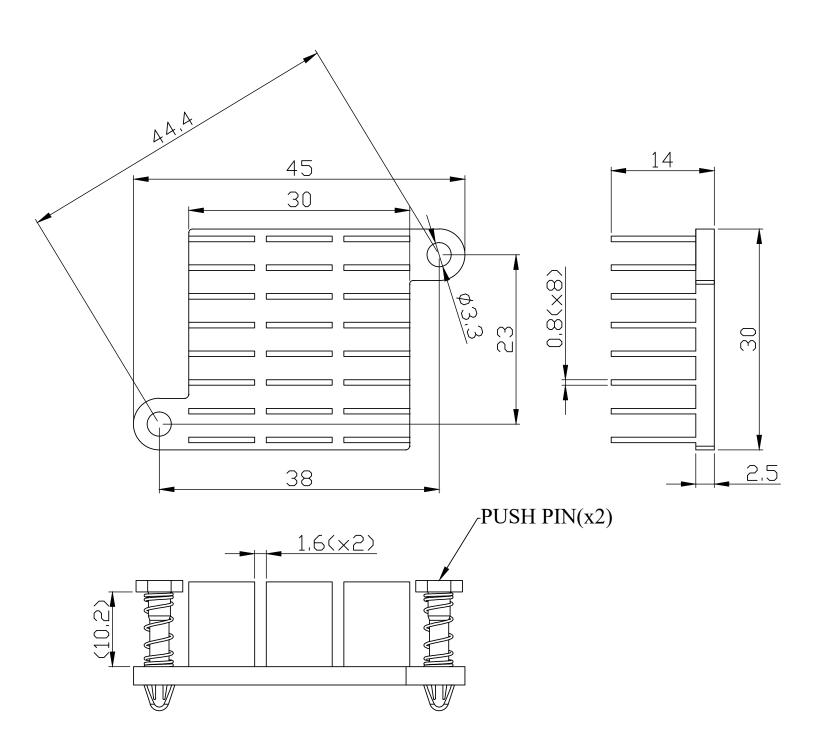


# **MECHANICAL DRAWING**

units: mm

tolerance: ±0.50 mm

MATERIAL	AL 6063-T5
FINISH	black anodized
PUSH PIN	nylon 66
SPRING	spring steel, zinc plated
WEIGHT	15 g



Additional Resources: Product Page

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#### **REVISION HISTORY**

rev.	description	date
1.0	initial release	03/01/2024
1.01	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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