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*Image above is for illustration purpose only..

31.0 x 31.0 x 18.0 mm BGA Heat Sink (High Aspect Ratio Ext.) Straight Fin

ATS Part#:	ATS031031018-SF-10Q
Description:	31.0 x 31.0 x 18.0 mm BGA Heat Sink (High Aspect Ratio Ext.) Straight Fin
Component Specific:	N/A
Heat Sink Type:	Straight Fin
Heat Sink Attachment:	N/A
Installation Guide:	N/A
Thermal Performance:	See detail

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- High aspect ratio, straight fin heat sinks that are ideal for compact PCB environments
- Fabricated from extruded aluminum, which minimizes thermal resistance from the base to the fins, reduces weight and keeps costs low
- Higher performance helps ensure reliable product life at a lower cost than other extruded heat sinks
- Comes standard without interface material or with most common pressure sensitive thermal tapes as a custom option

Product Details

Part Number	Length (mm)	Width (mm)	Height (mm)	Fin Tip to Fin Tip (mm)	TIM	FINISH	Data Sheet	RoHS
ATS031031018-SF-10Q	31.0	31.0	18.0	31.0	N/A	BLACK-ANODIZED		

Application

Notes

Thermal Performance

Technical Data

Thermal Performance

Schematic Image	AIR VELOCITY		THERMAL RESISTANCE	
	FT/MIN	M/S	°C/W Unducted Flow	°C/W Ducted Flow
	100	0.5	N/A	N/A
	200	1.0	4.4	2.2
	300	1.5	2.9	1.8
	400	2.0	2.4	1.6
	500	2.5	2.1	1.5
	600	3.0	1.9	1.4
	700	3.5	1.7	1.3

Schematic Image	AIR VELOCITY		THERMAL RESISTANCE	
	FT/MIN	M/S	°C/W Unducted Flow	°C/W Ducted Flow
	800	4.0	1.6	1.2