

pushPIN™ Heat Sink Assembly

ATS Part#: **ATS-03H-167-C1-R0**

Description: pushPIN™ HS ASMBLY, COARSE-PITCH, STRAIGHT, HOLE PATTERN: RIGHT-TABBED, BLUE, NO TIM

Heat Sink Type: pushPIN™ Heat Sink Assembly

Heat Sink Attachment: pushPIN™ / Spring Kit

Features & Benefits

- » Quick Attachment – Push pins feature a flexible barb at the end designed to engage with pre-drilled holes in a PCB.
- » Compression Springs add the necessary force to hold the assembly together for secure attachment. Select from over 21 different springs to achieve precise force required.
- » Push Pin Material available in brass or plastic in 10 sizes ranging from 9-20mm in length. Stainless steel hardware kit available for more secure attachment. Visit www.qats.com for available options.
- » Heat Sinks Designed for All Airflow Conditions. Select from over 112 fine pitch HS designed for high velocity air flows and 98 course pitch HS designed for low velocity air flow conditions.
- » Pre-assembled with phase-changing material for increased thermal performance. Double-sided thermal tape and no TIM options available to meet application-specific requirements.
- » Lightweight, aluminum HS extruded from AL6063 provide optimal heat transfer with a blue anodized finish.
- » All components are RoHS and REACH compliant.
- » Industry standard hole pattern. Recommended through hole size is 3.175mm



For Illustration Purposes ONLY.

Bill of Material

	Qty
Heat Sink: ATS-CPX025025020-167-C1-R0	1
Push Pin: ATS-PP-09	2
Springs: ATS-PPS-03	2

Thermal Performance

AIR VELOCITY - LFM (m/s)		100 (0.5)	200 (1.0)	300 (1.5)	400 (2.0)	500 (2.5)	600 (3.0)	700 (3.5)	Fin Pitch	Fin Type	Hole Pattern
Thermal Resistance °C/W	Unducted Flow	9.03	6.17	5.09	4.45	4.02	3.70	3.45	COARSE- PITCH	STRAIGHT	RIGHT- TABBED
	Ducted Flow	6.29	4.73	4.00	3.55	3.24	3.00	2.82			

Product Detail

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