pushPIN[™] Heat Sink Assembly

ATS Part#: ATS-P2-76-C2-R0

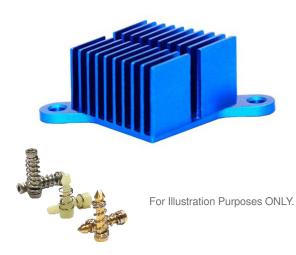
Description: pushPIN™ HS ASMBLY, FINE-PITCH, STRAIGHT, HOLE PATTERN: RIGHT-TABBED, BLUE, T766

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 3mm



Bill of Material

Heat Sink:	ATS-FPX025025025-76-C2-R0				
pushPIN™/Spring Kit:		ATS-HK91-R0	1		

Qty

Theri	nal Perform	ance									
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	Unducted Flow	11.57	4.48	3.03	2.47	2.16	1.97	1.83	FINE-PITCH	STRAIGHT	RIGHT- TABBED
Resistance °C/W Du	Ducted Flow	3.03	2.15	1.82	1.63	1.51	1.41	1.33			

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Product D	etail							
P/N	Dimensions					Duch Din/Onring Kit	ТІМ	Finiah
	А	В	C	E	F	Push Pin/Spring Kit	I IIVI	Finish
ATS-P2-76-C2-R0	25	25	25	30	30	ATS-HK91-R0	T766	BLUE ANODIZEI
					 2) Dimension 3) Dimension field. 4) Dimension 	A is the length of the heat sink in the di B is the width of the heat sink perpendi C is the heat sink height from the botto E is the distance between holes perper F is the distance between holes in the d	cular to the flow din m of the base to th ndicular to the direc	rection. e top of the fin
					vary by ap 7) ATS reser design or p	ves the right to update or change its pro performance.	ducts without notic	e to improve the
O THE REAL PROPERTY OF THE REA					o) AIS Certifi	es that this heat sink assemby is RoHS-	o anu REACH CON	ipiiant.

For Illustration Purposes ONLY.



For further technical information, please contact Advanced Thermal Solutions, Inc.

9) Contact ATS to learn about custom options available.

89-27 ACCESS ROAD, NORWOOD, MA 02062 USA | T: 781.769. 2800 F: 781.769.9979 | WWW.QATS.COM R2-0917