

SKV Series



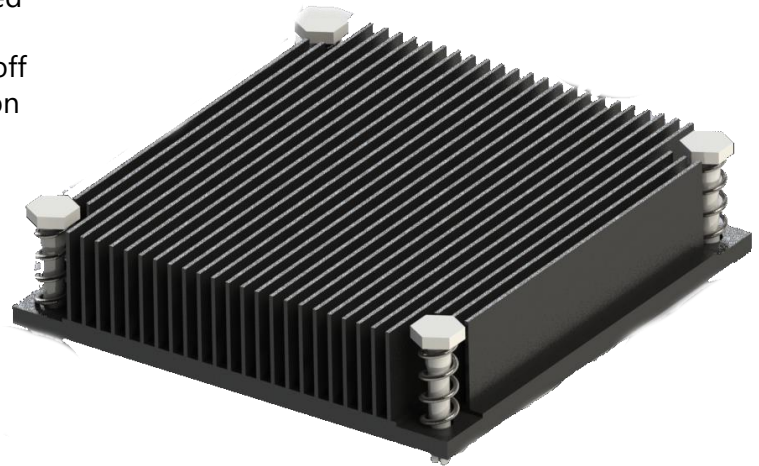
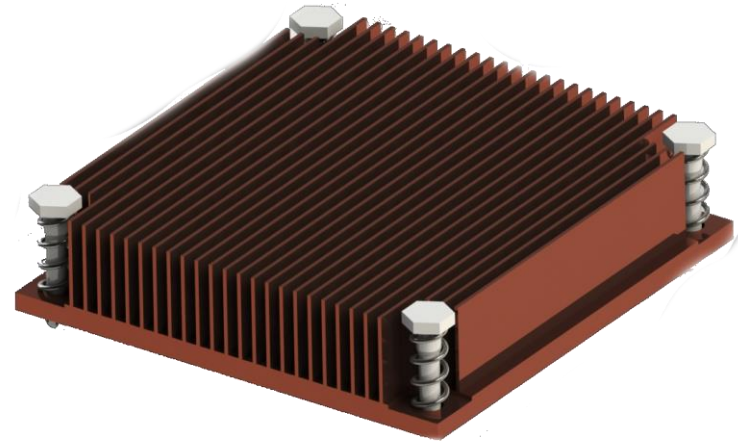
Skived Fin heat sinks can be an alternative to extruded heat sinks when looking for a fin density which can't be achieved by extrusion technology. Skived heat sinks can be manufactured from either copper or aluminum and usually have 0.5 (0.020") thick fins.

Skived heat sinks are produced using a series of sharp knives that, as they pass over the material, curl up a small thickness of metal which is then bent vertically to form the fin. Skived fins are produced from a bar of material which is approximately 16 feet in length and then cut to length as required by the final application.

The final heat sink can be machined using normal fabrication techniques. Because of the thin fins, care must be taken in handling to prevent damage. It is suggested that a shroud be placed over the fins to help prevent damage. Wakefield- Vette SKV Series offers standard off the shelf solutions for customer applications in addition to custom solutions utilizing a plastic pin attachment.

Features:

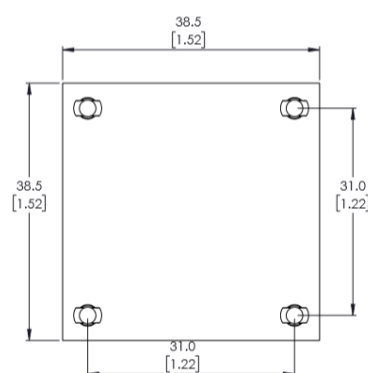
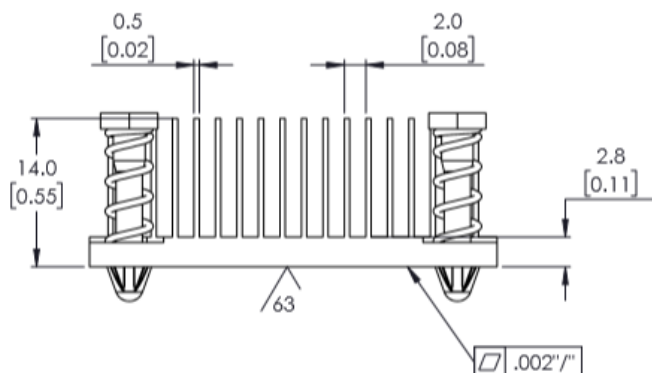
- Plastic push pin attachment for easy insertion
- Plastic pins ensure integrity of the PCB Board
- High fin densities in comparison to extrusion
- No interface between fins and base
- Minimal tooling cost for non-standards
- Improved thermal performance



WKV Part Number	Description	Attachment Method	Length	Width	Height Off Base (Height of Fin)	Thermal Resistance @ Forced Air Flow	Thermal Resistance @ Natural	Material
SKV38538514-CU	COPPER HEATSINK 38.5X37.6X14MM	Plastic Push Pin	1.480" (37.59mm)	1.516" (38.50mm)	0.551" (14.00mm)	2.60°C/W @ 200 LFM	15.90°C/W	Copper
SKV38538514-AL	ALUMINUM HEATSINK 38.5X37.6X14MM	Plastic Push Pin	1.480" (37.59mm)	1.516" (38.50mm)	0.551" (14.00mm)	2.70°C/W @ 200 LFM	17.20°C/W	Aluminum
SKV4545225-CU	COPPER HEATSINK 45X44X22.5MM	Plastic Push Pin	1.732" (44.00mm)	1.772" (45.00mm)	0.886" (22.50mm)	1.65°C/W @ 200 LFM	8.00°C/W	Copper
SKV4545225-AL	ALUMINUM HEATSINK 45X44X22.5MM	Plastic Push Pin	1.732" (44.00mm)	1.772" (45.00mm)	0.886" (22.50mm)	1.75°C/W @ 200 LFM	8.70°C/W	Aluminum
SKV505014-CU	COPPER HEATSINK 50X50X14MM	Plastic Push Pin	1.969" (50.00mm)	1.969" (50.00mm)	0.551" (14.00mm)	2.10°C/W @ 200 LFM	8.90°C/W	Copper
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SKV585811-CU	COPPER HEATSINK 57.9X59X11MM	Plastic Push Pin	2.323" (59.00mm)	2.280" (57.91mm)	0.433" (11.00mm)	1.90°C/W @ 200 LFM	7.70°C/W	Copper
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SKV606014-CU	COPPER HEATSINK 60X60X14MM	Plastic Push Pin	2.362" (60.00mm)	2.362" (60.00mm)	0.551" (14.00mm)	1.70°C/W @ 200 LFM	7.00°C/W	Copper
SKV606014-AL	ALUMINUM HEATSINK 60X60X14MM	Plastic Push Pin	2.362" (60.00mm)	2.362" (60.00mm)	0.551" (14.00mm)	1.80°C/W @ 200 LFM	7.60°C/W	Aluminum
SKV606021-CU	COPPER HEATSINK 60X60X21MM	Plastic Push Pin	2.362" (60.00mm)	2.362" (60.00mm)	0.866" (21.00mm)	0.80°C/W @ 300 LFM	7.20°C/W	Copper
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SKV707014-CU	COPPER HEATSINK 70X70X14MM	Plastic Push Pin	2.717" (69.00mm)	2.756" (70.00mm)	0.551" (14.00mm)	1.40°C/W @ 200 LFM	5.60°C/W	Copper
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SKV808012-CU	COPPER HEATSINK 80X80X12MM	Plastic Push Pin	3.150" (80.00mm)	3.150" (80.00mm)	0.472" (12.00mm)	1.20°C/W @ 200 LFM	5.10°C/W	Copper
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SKV909010-CU	COPPER HEATSINK 90X90X10MM	Plastic Push Pin	3.543" (90.00mm)	3.543" (90.00mm)	0.394" (10.00mm)	1.30°C/W @ 200 LFM	4.50°C/W	Copper
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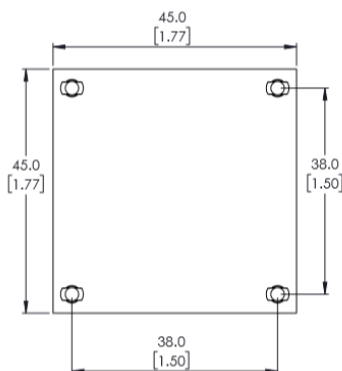
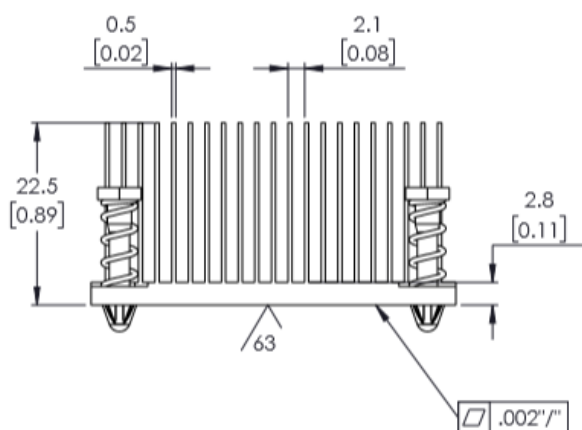
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NOTES:

1. INCLUDES 4 PLASTIC PUSHPIN/SPRINGS
2. SUGGESTED PCB HOLES SIZE: $\Phi 3.1 \pm 0.3$ ($\Phi 0.122 \pm 0.001$)
3. MAXIMUM STACKUP (PCB+COMPONENT) = 4.0MM (0.157)

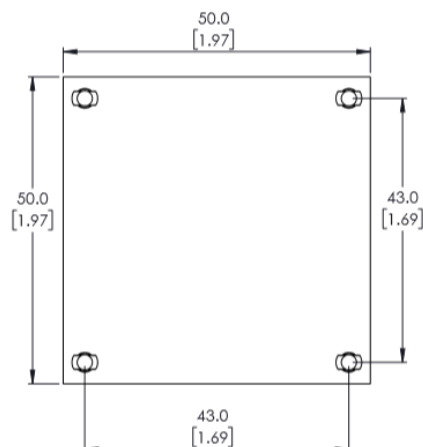
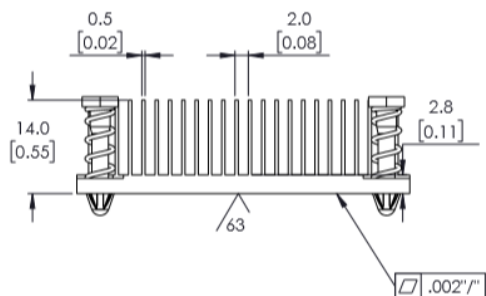
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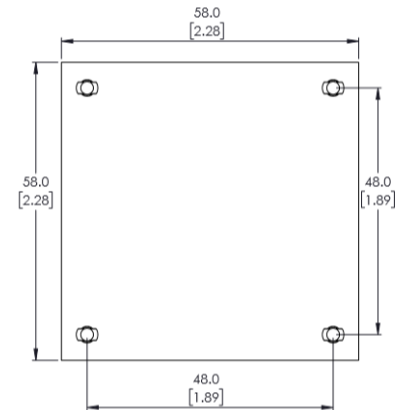
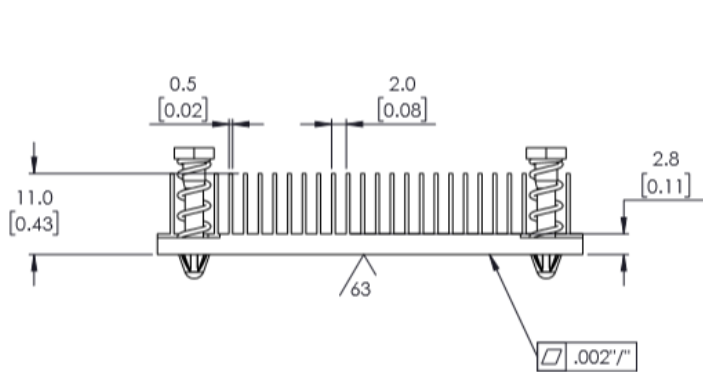
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Copper & Aluminum Skived Fin Heat Sink

SKV Series

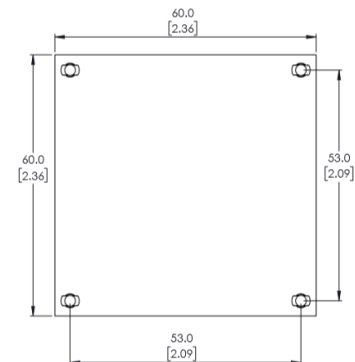
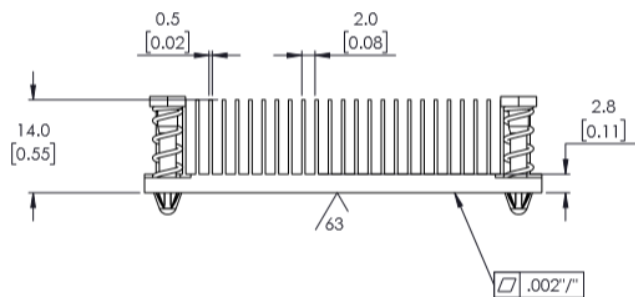
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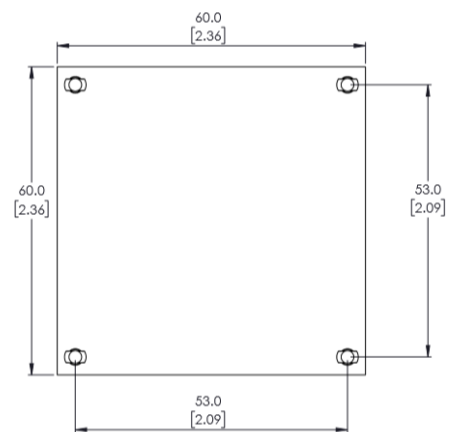
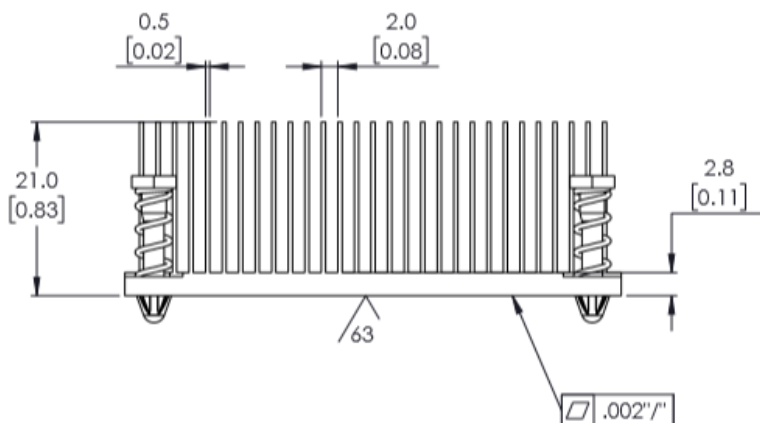
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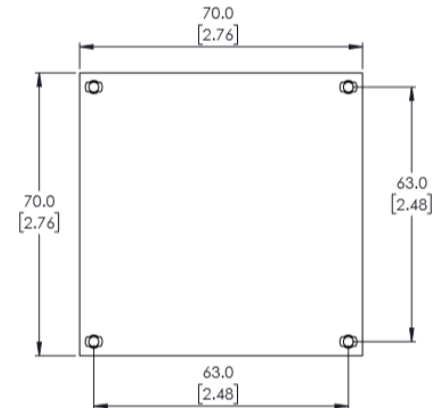
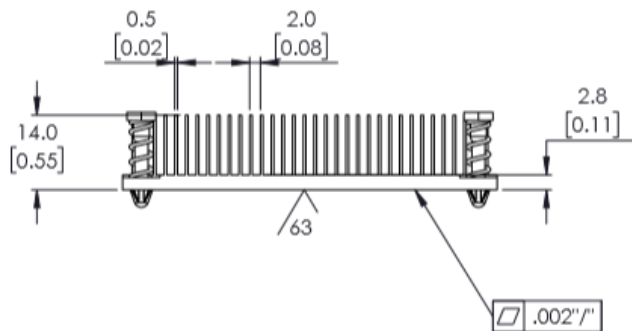
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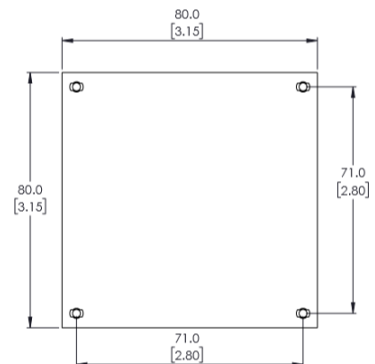
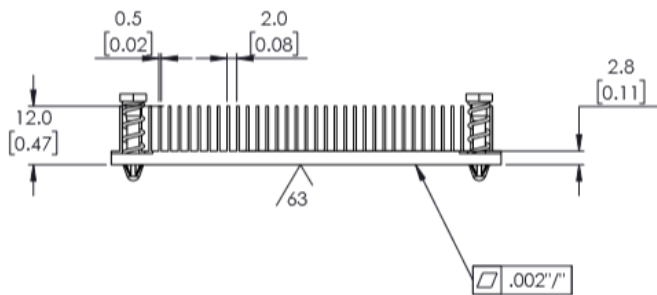
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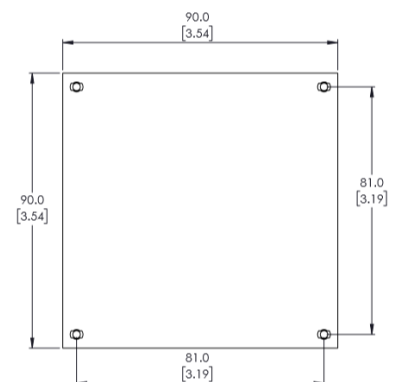
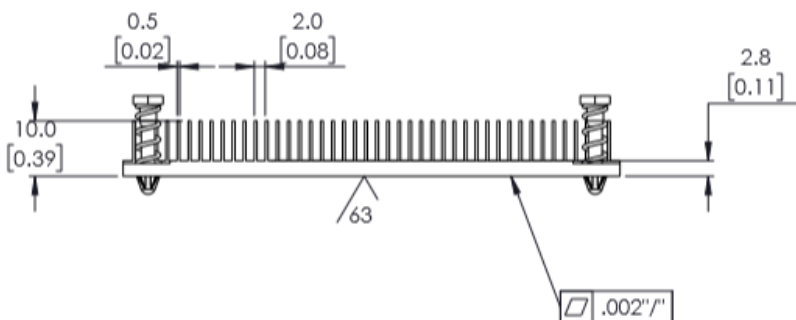
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**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

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Электронная почта: sales@st-electron.ru

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помещение 100-Н Офис 331