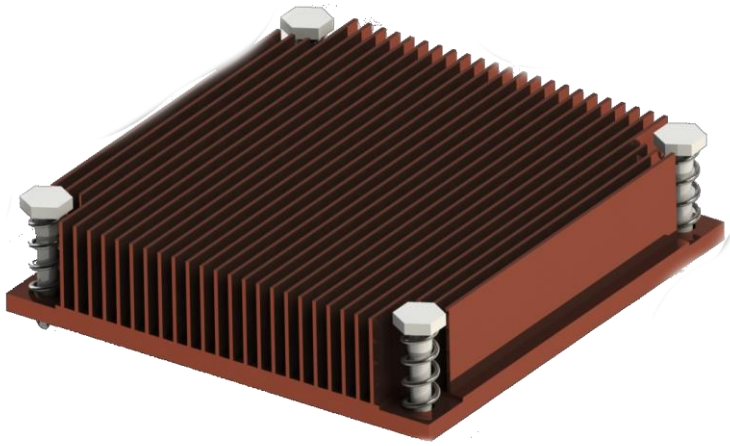
Copper & Aluminum Skived Fin Heat Sink

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
SKV505014-AL	ALUMINUM HEATSINK 50X50X14MM	Plastic Push Pin	1.969" (50.00mm)	1.969" (50.00mm)	0.551" (14.00mm)	2.20°C/W @ 200 LFM	9.90°C/W	Aluminum
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
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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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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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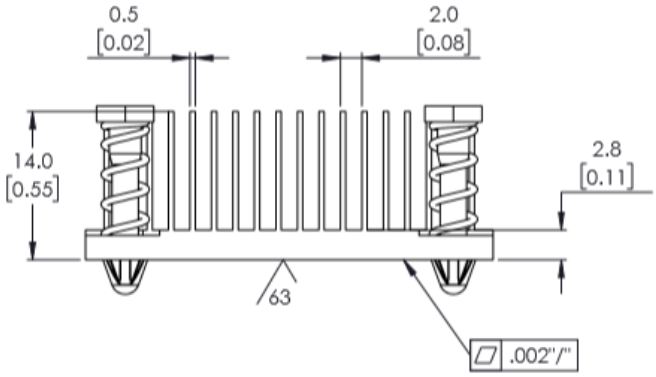

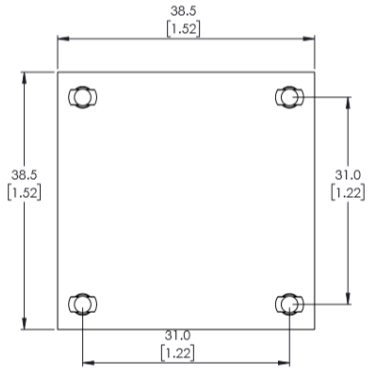

NOTES:
1. INCLUDES 4 PLASTIC PUSHPIN/SPRINGS
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3. MAXIMUM STACKUP (PCB+COMPONENT) = 4.0MM (0.157)

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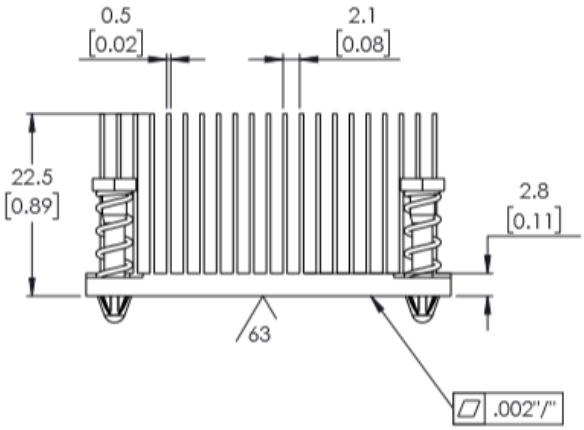

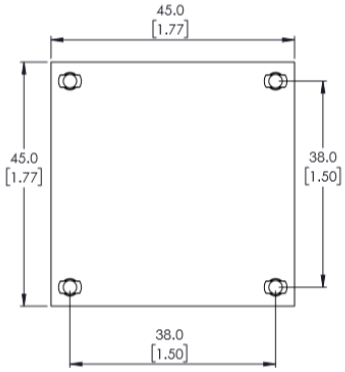

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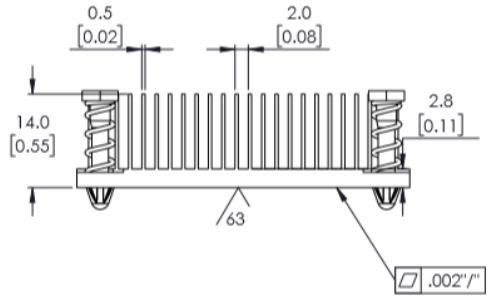

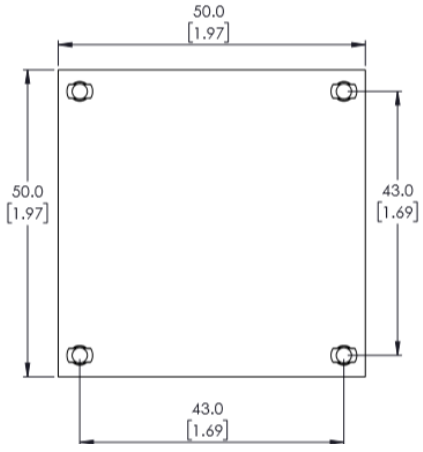

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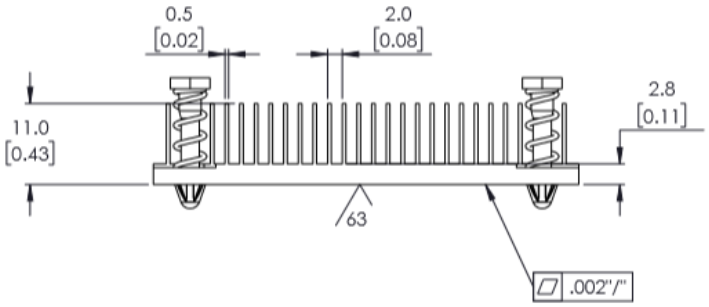

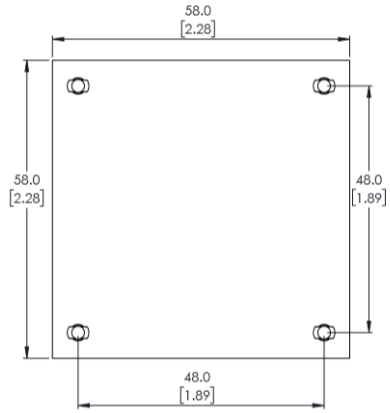

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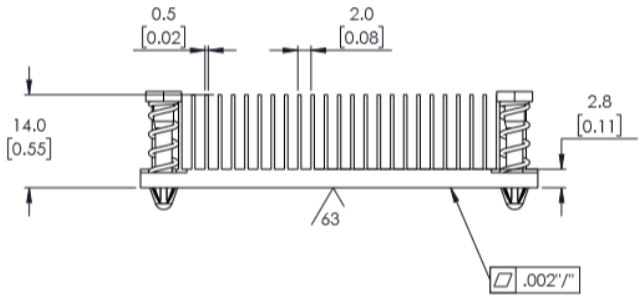

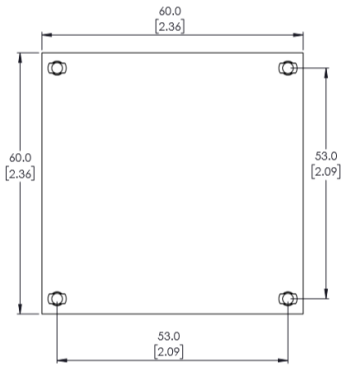

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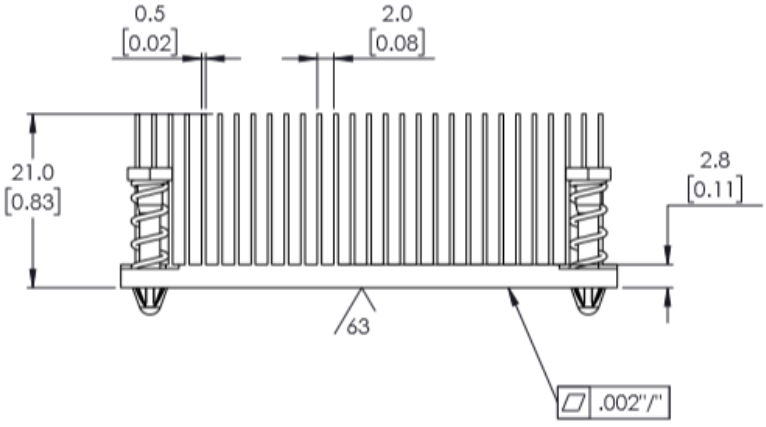

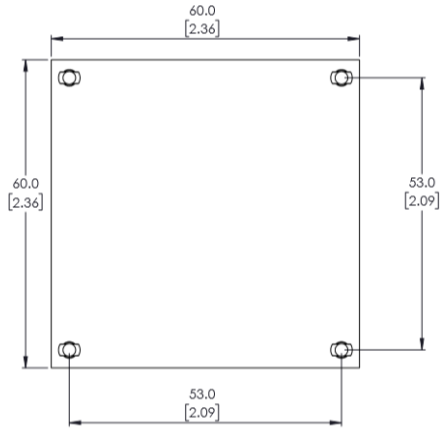

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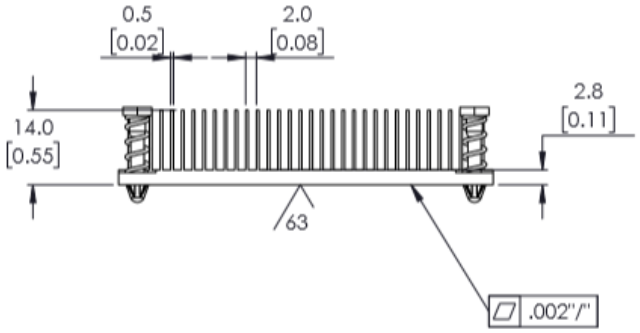

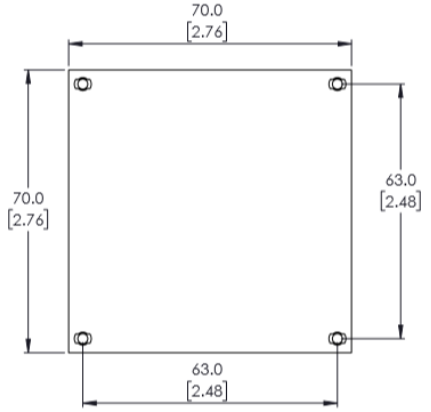

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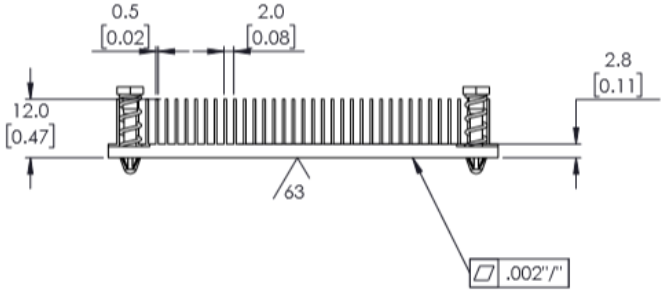

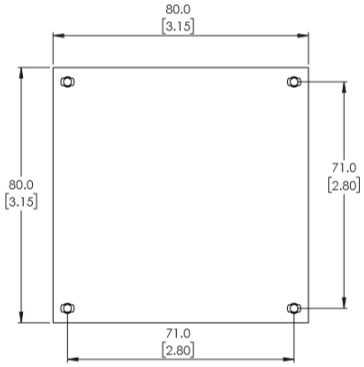

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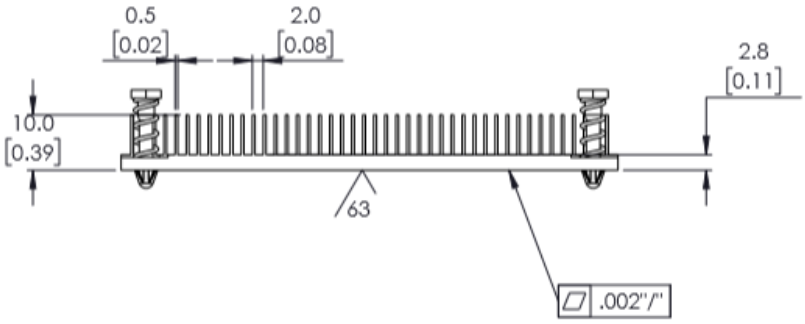

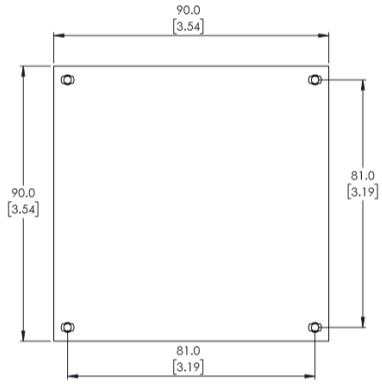

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LifeElectronics
Живое партнерство

ООО «ЛайфЭлектроникс» **“LifeElectronics” LLC**

ИНН 7805602321 КПП 780501001 Р/С 40702810122510004610 ФАКБ "АБСОЛЮТ БАНК" (ЗАО) в г.Санкт-Петербурге К/С 30101810900000000703 БИК 044030703

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- *Конкурентоспособные цены и скидки постоянным клиентам.*
- *Специальные условия для постоянных клиентов.*
- *Подбор аналогов.*
- *Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.*

- *Приемлемые сроки поставки, возможна ускоренная поставка.*
- *Доставку товара в любую точку России и стран СНГ.*
- *Комплексную поставку.*
- *Работу по проектам и поставку образцов.*
- *Формирование склада под заказчика.*

- *Сертификаты соответствия на поставляемую продукцию (по желанию клиента).*
- *Тестирование поставляемой продукции.*
- *Поставку компонентов, требующих военную и космическую приемку.*
- *Входной контроль качества.*
- *Наличие сертификата ISO.*

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- *Регистрацию проекта у производителя компонентов.*
- *Техническую поддержку проекта.*
- *Защиту от снятия компонента с производства.*
- *Оценку стоимости проекта по компонентам.*
- *Изготовление тестовой платы монтаж и пусконаладочные работы.*

Тел: +7 (812) 336 43 04 (многоканальный)
Email: org@lifeelectronics.ru

www.lifeelectronics.ru