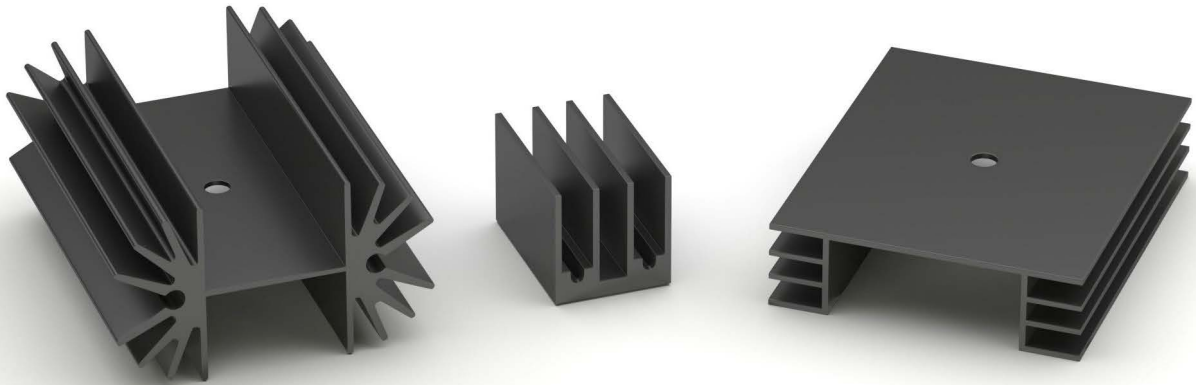


ADAME TECH



BOARD LEVEL HEAT SINKS



Board Level Heat Sinks

Adam Tech's Board Level Heat Sinks ensure optimal device performance by efficiently dissipating heat generated by components on a device's PCB (printed circuit boards). Composed of aluminum, a highly thermally conductive material, they effectively transfer heat by radiating it into the air, cooling the device. Their large, finned surface area enhances airflow for natural convection heat dissipation, making them ideal for applications requiring temperature regulation. Their lightweight, compact design makes them perfect for applications with limited space, and suitable for common TO-220, TO-247 and SOT-32 component packages. With customizable options and easy installation methods, Adam Tech's board level heat sinks offer a cost-effective solution for improving thermal performance in various electronic devices.

Features and Benefits:

- Extruded and stamped types
- Suitable For TO-220, TO-247, and SOT-32 packaged components
- Material: aluminum
- Surface finish: black anodized
- Vertical PCB mounting options: M2.5 screw, M3 screw, and solder pins
- Mounts directly to component
- Various sizes to meet cooling requirements
- Maximizes heat transfer and enhances cooling efficiency
- Easy installation

Applications:

- Power supplies
- Consumer and automotive electronics
- Audio amplifiers
- Industrial power control systems
- Motor controllers
- Telecommunications equipment



CUSTOM OPTIONS AVAILABLE UPON REQUEST. CONTACT US AT INFO@ADAM-TECH.COM.

HSK-043 Series

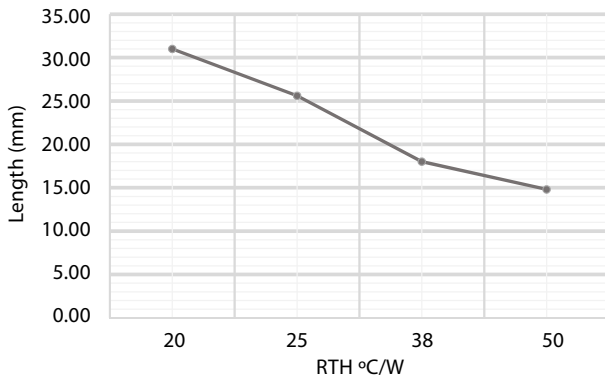
- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



Ordering Information

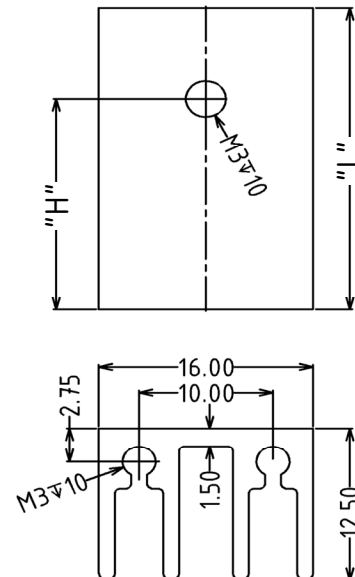
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-043-01	20	17.5	31.00	TO-220
HSK-043-02	25	17.5	25.60	TO-220
HSK-043-03	38	17.5	18.00	TO-220
HSK-043-04	50	17.5	14.81	TO-220

Length (mm) vs R_{TH} (°C/Watt)



Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



HSK-044 Series

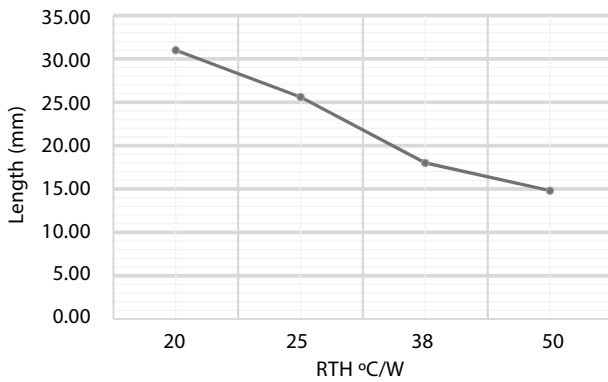
- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With Solderable Pins
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



Ordering Information

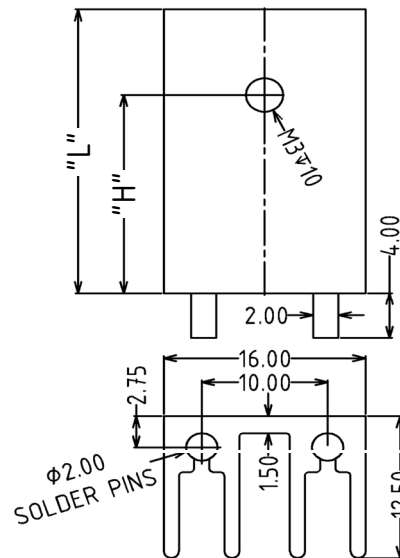
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-044-01	20	18.5	31.00	TO-220
HSK-044-02	25	18.5	25.60	TO-220
HSK-044-03	38	18.5	18.00	TO-220
HSK-044-04	50	18.5	14.81	TO-220

Length (mm) vs R_{TH} (°C/Watt)



Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



HSK-045 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



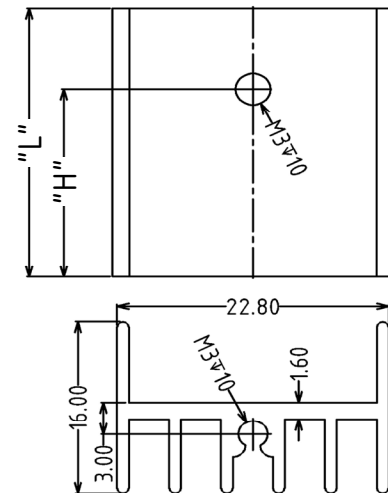
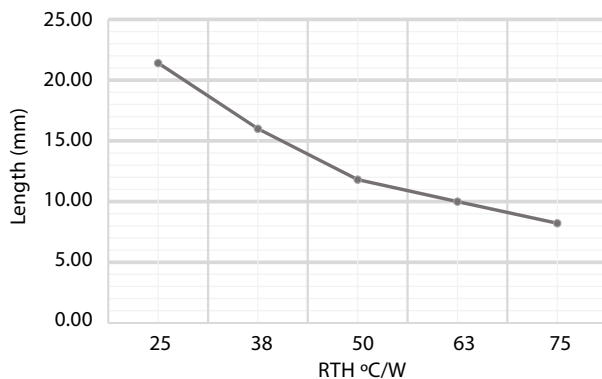
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-045-01	25	18.5	21.41	TO-220
HSK-045-02	38	18.5	15.99	TO-220
HSK-045-03	50	18.5	11.80	TO-220
HSK-045-04	63	18.5	10.00	TO-220
HSK-045-05	75	18.5	8.21	TO-220
HSK-045-06	38	21.5	15.99	TO-247
HSK-045-07	50	21.5	11.80	TO-247
HSK-045-08	63	21.5	10.00	TO-247
HSK-045-09	75	21.5	8.21	TO-247

Markings and Dimensions

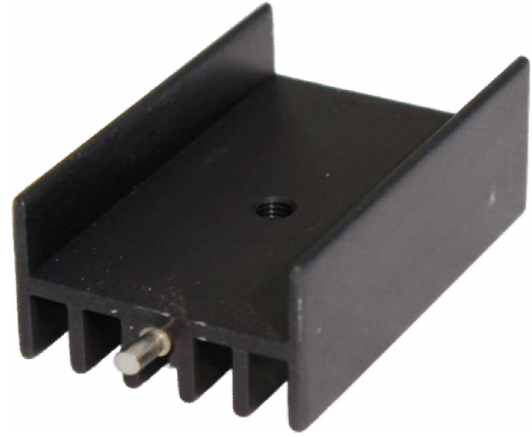
Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-046 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With Solderable Pin
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



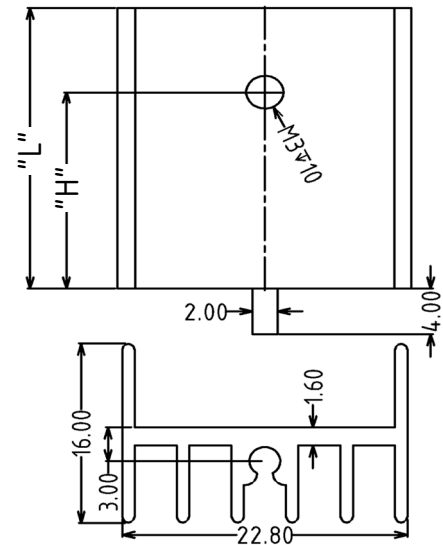
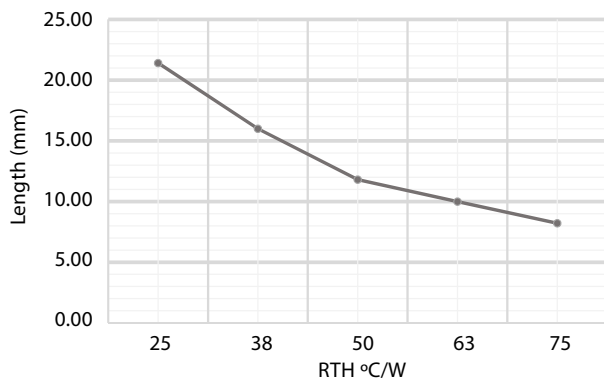
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-046-01	25	18.5	21.41	TO-220
HSK-046-02	38	18.5	15.99	TO-220
HSK-046-03	50	18.5	11.80	TO-220
HSK-046-04	63	18.5	10.00	TO-220
HSK-046-05	75	18.5	8.21	TO-220
HSK-046-06	38	21.5	15.99	TO-247
HSK-046-07	50	21.5	11.80	TO-247
HSK-046-08	63	21.5	10.00	TO-247
HSK-046-09	75	21.5	8.21	TO-247

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-047 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



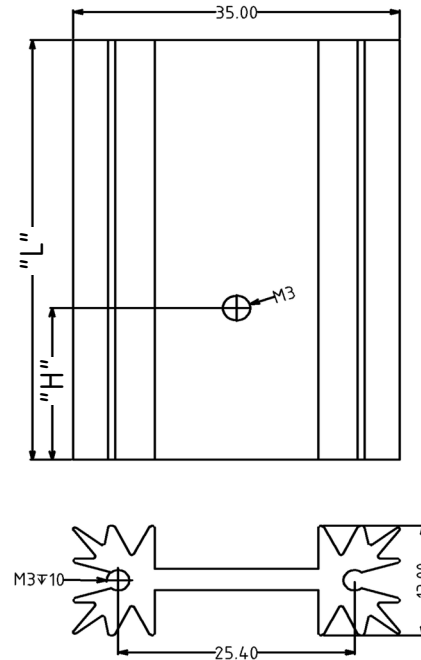
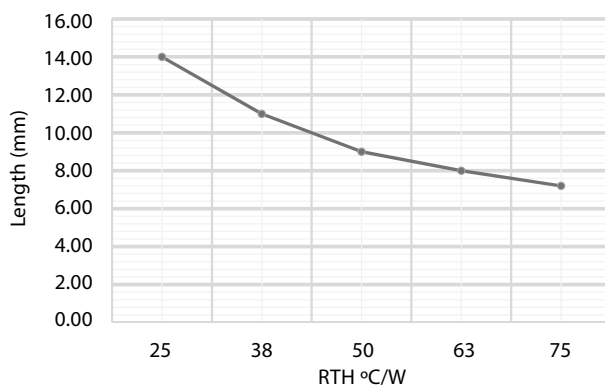
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-047-01	25	18.5	14.00	TO-220
HSK-047-02	38	18.5	11.00	TO-220
HSK-047-03	50	18.5	9.00	TO-220
HSK-047-04	63	18.5	8.00	TO-220
HSK-047-05	75	18.5	7.20	TO-220
HSK-047-06	38	21.5	11.00	TO-247
HSK-047-07	50	21.5	9.00	TO-247
HSK-047-08	63	21.5	8.00	TO-247
HSK-047-09	75	21.5	7.20	TO-247

Markings and Dimensions

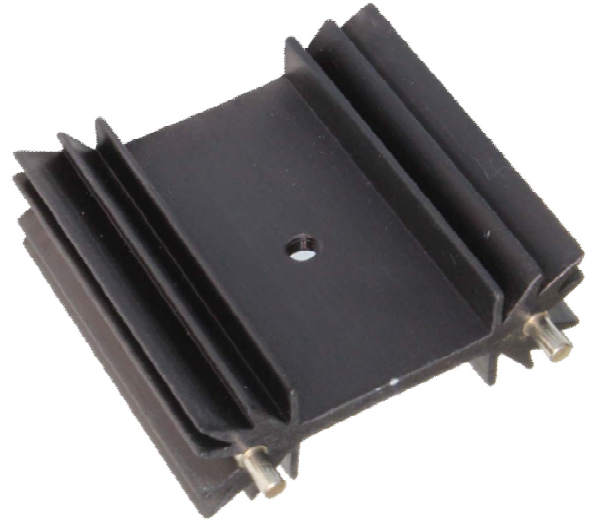
Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-048 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With Solderable Pins
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

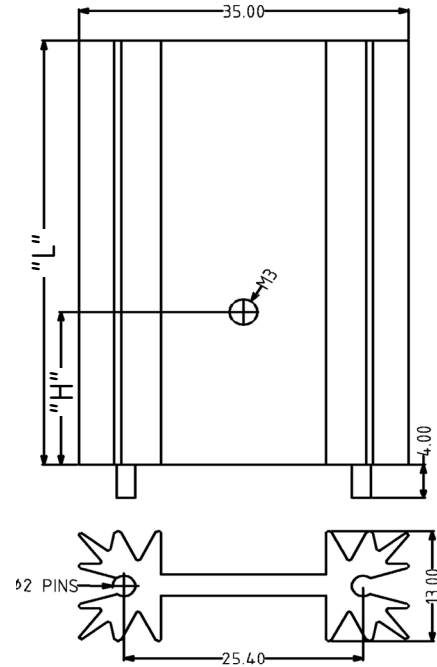


Ordering Information

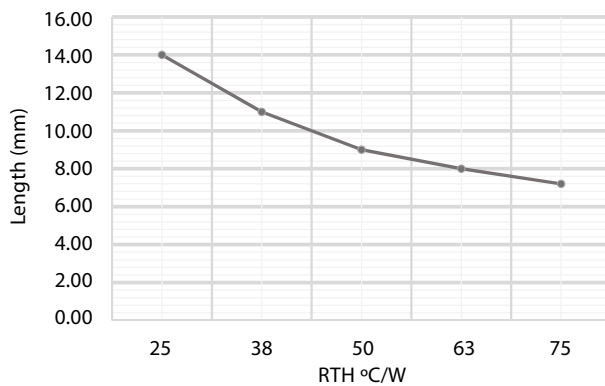
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-048-01	25	18.5	14.00	TO-220
HSK-048-02	38	18.5	11.00	TO-220
HSK-048-03	50	18.5	9.00	TO-220
HSK-048-04	63	18.5	8.00	TO-220
HSK-048-05	75	18.5	7.20	TO-220
HSK-048-06	38	21.5	11.00	TO-247
HSK-048-07	50	21.5	9.00	TO-247
HSK-048-08	63	21.5	8.00	TO-247
HSK-048-09	75	21.5	7.20	TO-247

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-049 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

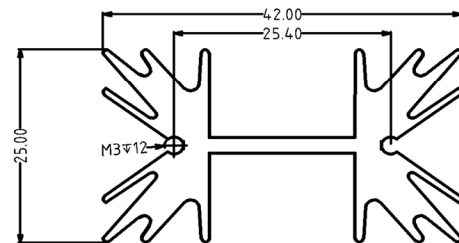
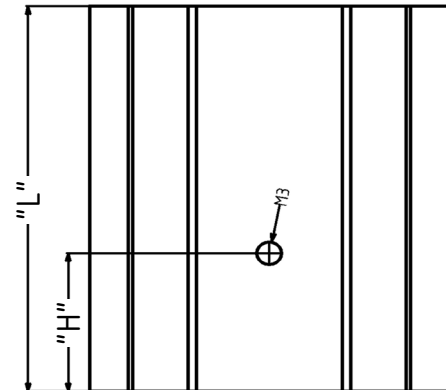


Ordering Information

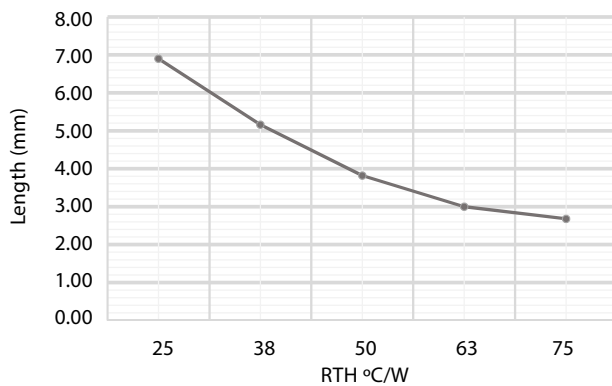
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-049-01	25	18.5	6.90	TO-220
HSK-049-02	38	18.5	5.16	TO-220
HSK-049-03	50	18.5	3.82	TO-220
HSK-049-04	63	18.5	3.00	TO-220
HSK-049-05	75	18.5	2.68	TO-220
HSK-049-06	38	21.5	5.16	TO-247
HSK-049-07	50	21.5	3.82	TO-247
HSK-049-08	63	21.5	3.00	TO-247
HSK-049-09	75	21.5	2.68	TO-247

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-050 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With Solderable Pins
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



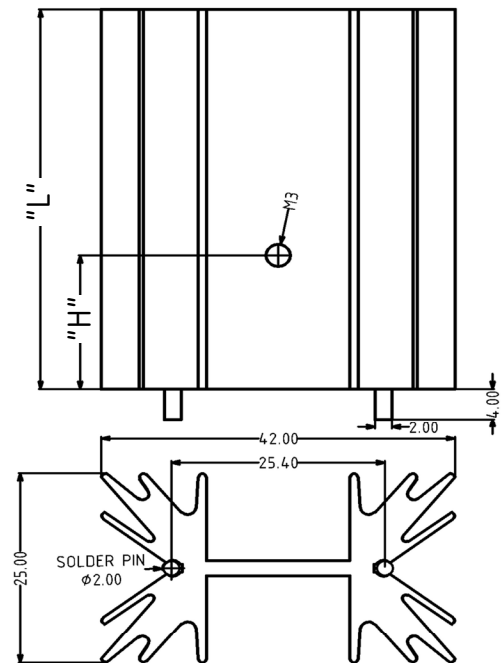
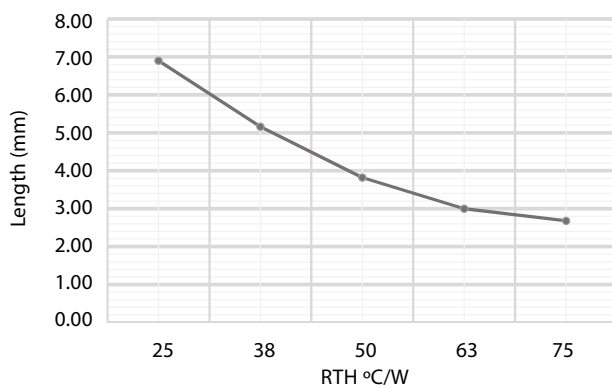
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-050-01	25	18.5	6.90	TO-220
HSK-050-02	38	18.5	5.16	TO-220
HSK-050-03	50	18.5	3.82	TO-220
HSK-050-04	63	18.5	3.00	TO-220
HSK-050-05	75	18.5	2.68	TO-220
HSK-050-06	38	21.5	5.16	TO-247
HSK-050-07	50	21.5	3.82	TO-247
HSK-050-08	63	21.5	3.00	TO-247
HSK-050-09	75	21.5	2.68	TO-247

Markings and Dimensions

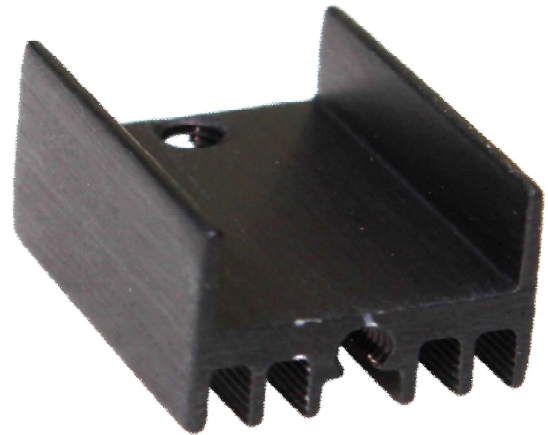
Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-051 Series

- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With M2.5 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

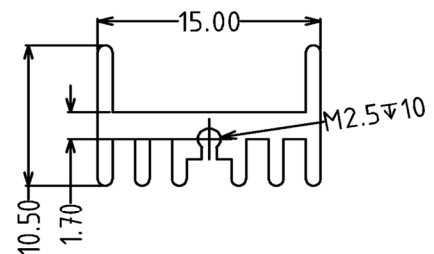
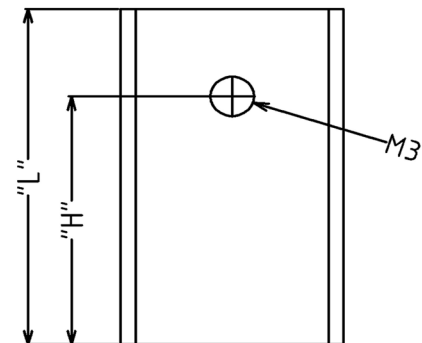


Ordering Information

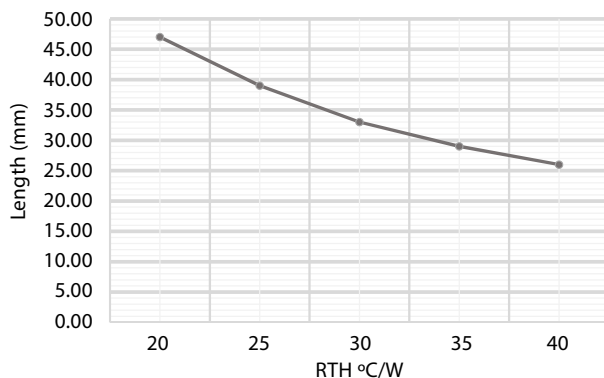
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-051-01	20	17.5	47.00	TO-220
HSK-051-02	25	17.5	39.00	TO-220
HSK-051-03	30	17.5	33.00	TO-220
HSK-051-04	35	17.5	29.00	TO-220
HSK-051-05	40	17.5	26.00	TO-220

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-053 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

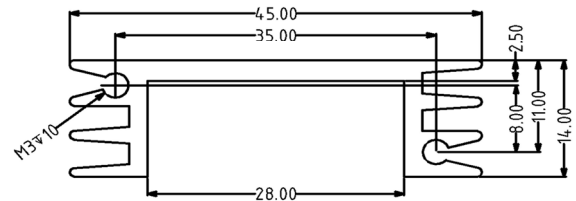
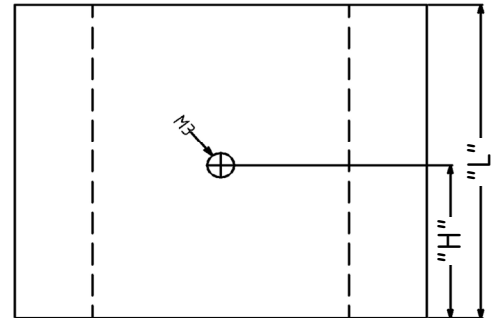


Ordering Information

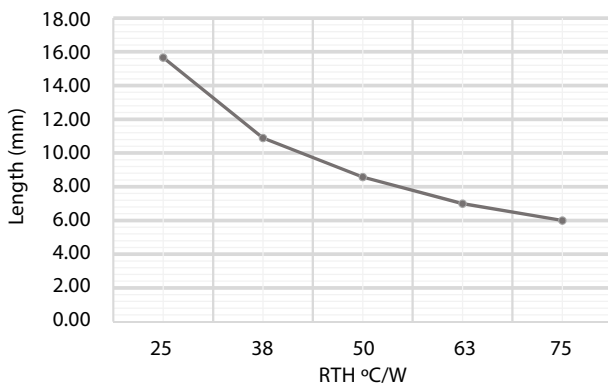
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-053-01	25	18.5	15.66	TO-220
HSK-053-02	38	18.5	10.89	TO-220
HSK-053-03	50	18.5	8.57	TO-220
HSK-053-04	63	18.5	7.00	TO-220
HSK-053-05	75	18.5	6.00	TO-220
HSK-053-06	38	21.5	10.89	TO-247
HSK-053-07	50	21.5	8.57	TO-247
HSK-053-08	63	21.5	7.00	TO-247
HSK-053-09	75	21.5	6.00	TO-247

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-054 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With Solderable Pins
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



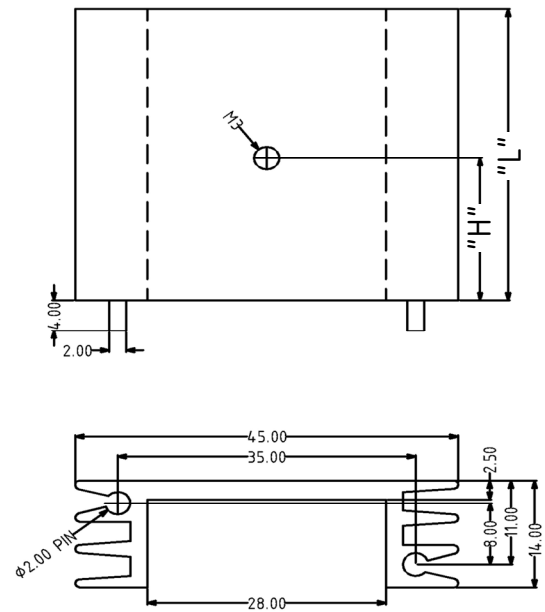
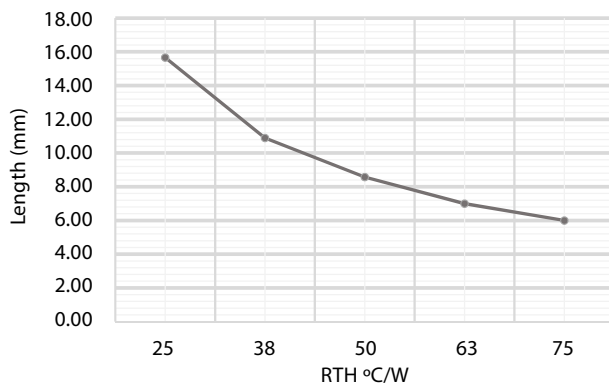
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-054-01	25	18.5	15.66	TO-220
HSK-054-02	38	18.5	10.89	TO-220
HSK-054-03	50	18.5	8.57	TO-220
HSK-054-04	63	18.5	7.00	TO-220
HSK-054-05	75	18.5	6.00	TO-220
HSK-054-06	38	21.5	10.89	TO-247
HSK-054-07	50	21.5	8.57	TO-247
HSK-054-08	63	21.5	7.00	TO-247
HSK-054-09	75	21.5	6.00	TO-247

Markings and Dimensions

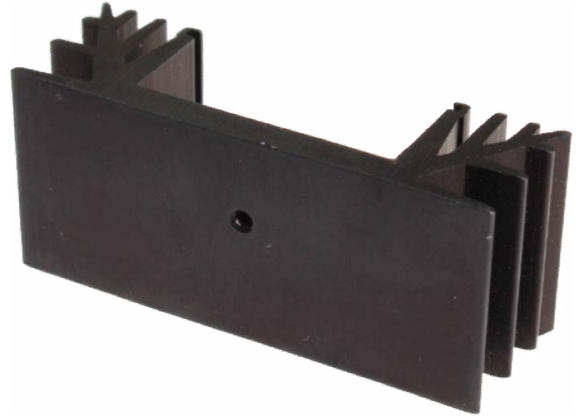
Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-055 Series

- Extruded Type Heat Sink Suitable For TO-220, TO-247 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

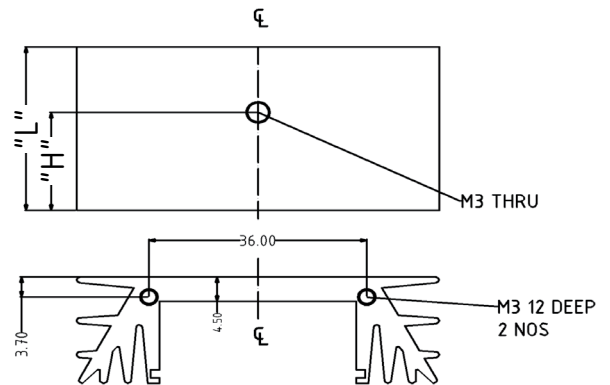


Ordering Information

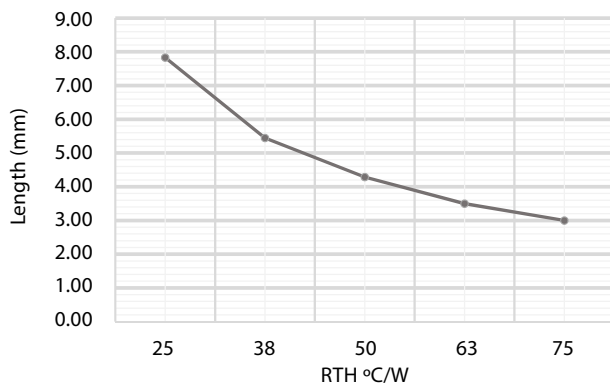
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-055-01	25	18.5	7.83	TO-220
HSK-055-02	38	18.5	5.44	TO-220
HSK-055-03	50	18.5	4.28	TO-220
HSK-055-04	63	18.5	3.50	TO-220
HSK-055-05	75	18.5	3.00	TO-220
HSK-055-06	38	21.5	5.44	TO-247
HSK-055-07	50	21.5	4.28	TO-247
HSK-055-08	63	21.5	3.50	TO-247
HSK-055-09	75	21.5	3.00	TO-247

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-057 Series

- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request

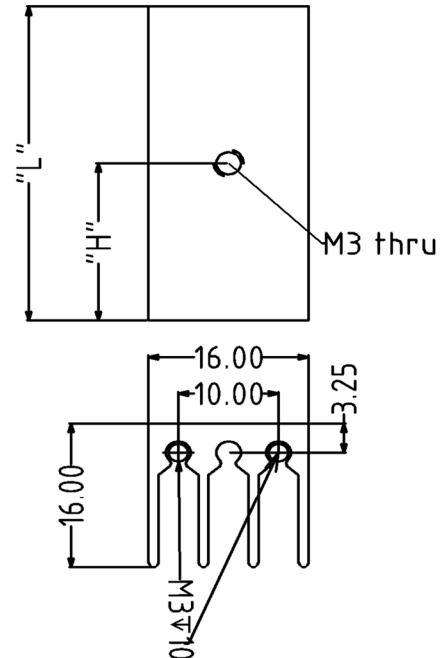


Ordering Information

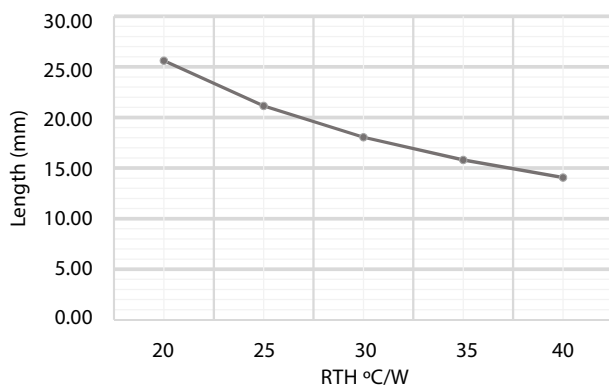
Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-057-01	20	17.5	25.62	TO-220
HSK-057-02	25	17.5	21.14	TO-220
HSK-057-03	30	17.5	18.05	TO-220
HSK-057-04	35	17.5	15.80	TO-220
HSK-057-05	40	17.5	14.06	TO-220

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk



Length (mm) vs R_{TH} (°C/Watt)



HSK-058 Series

- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With Solderable Pins
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



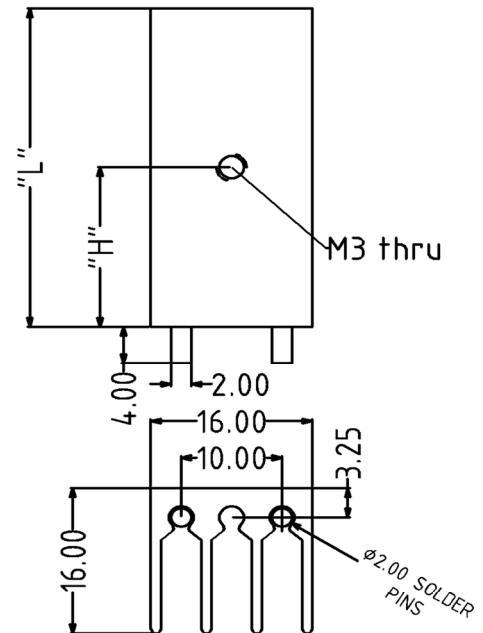
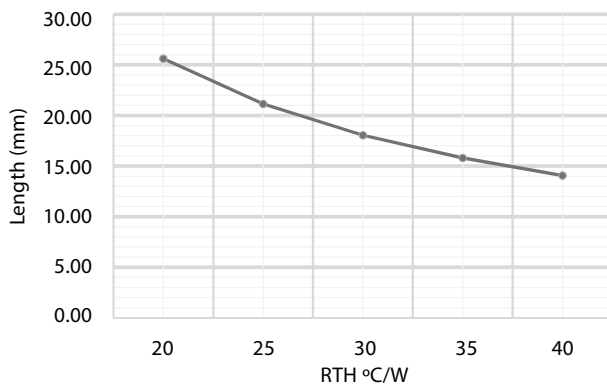
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-058-01	20	17.5	25.62	TO-220
HSK-058-02	25	17.5	21.14	TO-220
HSK-058-03	30	17.5	18.05	TO-220
HSK-058-04	35	17.5	15.80	TO-220
HSK-058-05	40	17.5	14.06	TO-220

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-059 Series

- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With M3 Screw
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



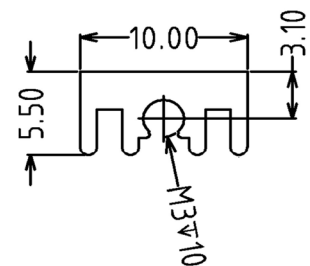
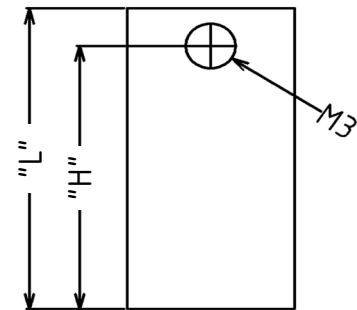
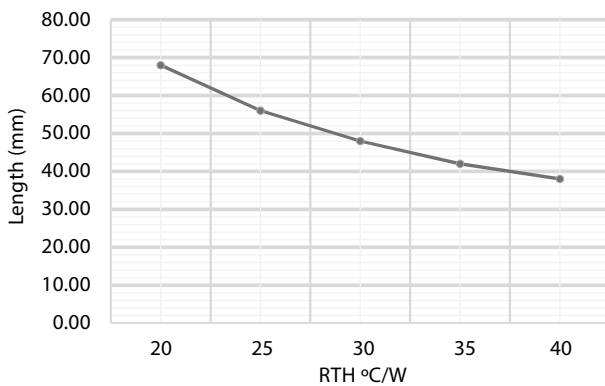
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-059-01	20	17.5	68.00	TO-220
HSK-059-02	25	17.5	56.00	TO-220
HSK-059-03	30	17.5	48.00	TO-220
HSK-059-04	35	17.5	42.00	TO-220
HSK-059-05	40	17.5	38.00	TO-220

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)



HSK-060 Series

- Extruded Type Heat Sink Suitable For TO-220 Component Package
- Vertical PCB Mounting With Solderable Pin
- Material: Aluminium 6063
- Surface Finish: Black Anodized
- Customised Length "L" (Refer Dwg: A), Surface Finish, Drilling Pattern Available On Request



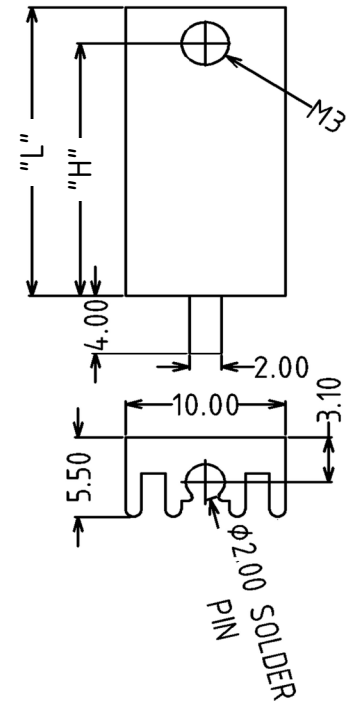
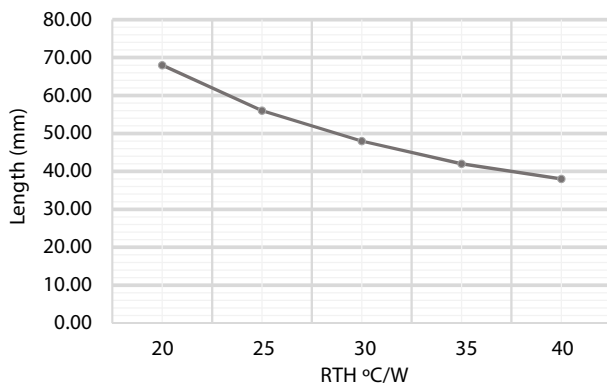
Ordering Information

Part Number	Length (mm)	Hole Location	RTH °C/W	Package
	Dim. "L"	Dim. "H"		
HSK-060-01	20	17.5	68.00	TO-220
HSK-060-02	25	17.5	56.00	TO-220
HSK-060-03	30	17.5	48.00	TO-220
HSK-060-04	35	17.5	42.00	TO-220
HSK-060-05	40	17.5	38.00	TO-220

Markings and Dimensions

Dwg: A
All Dimensions: mm
Tolerance: ISO-2768-mk

Length (mm) vs R_{TH} (°C/Watt)

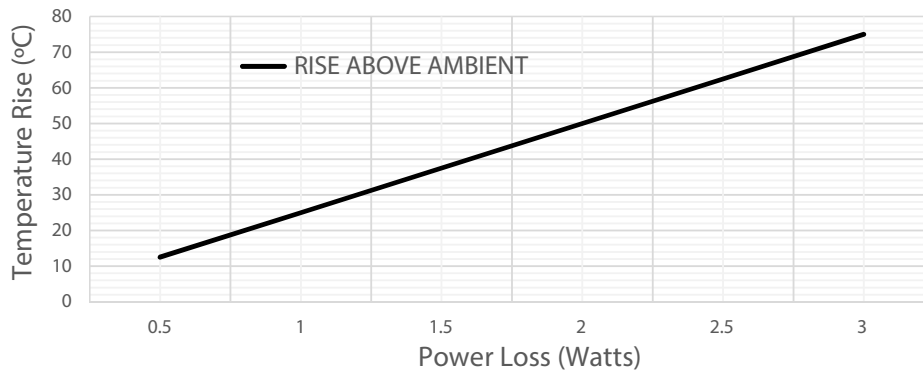


HSK-061 Series

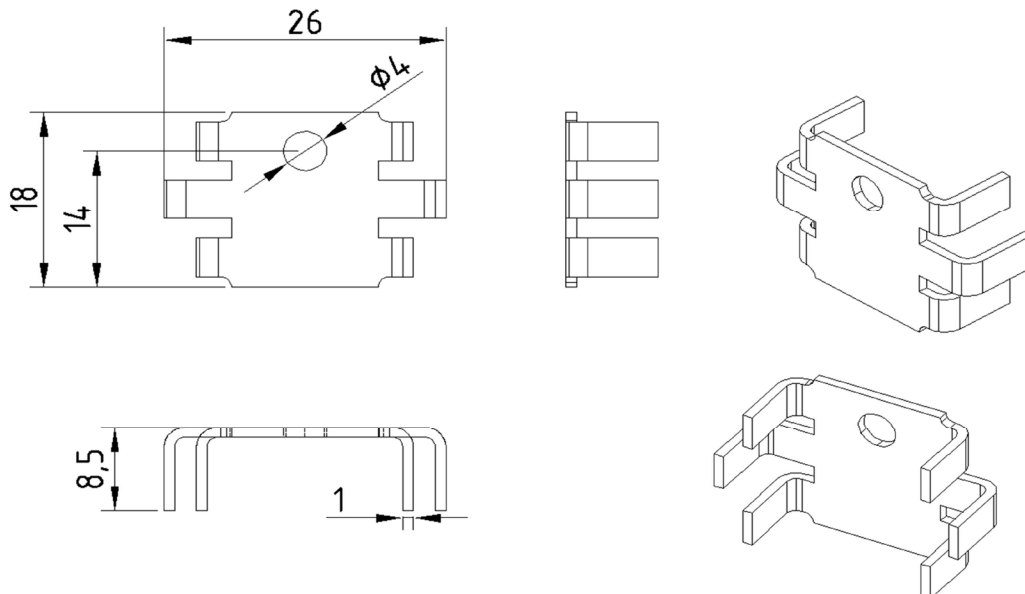
- Stamped Type Heat Sink Suitable For TO-220, SOT-32 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical & Horizontal
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 25°C/Watt



Thermal Properties



Markings and Dimensions

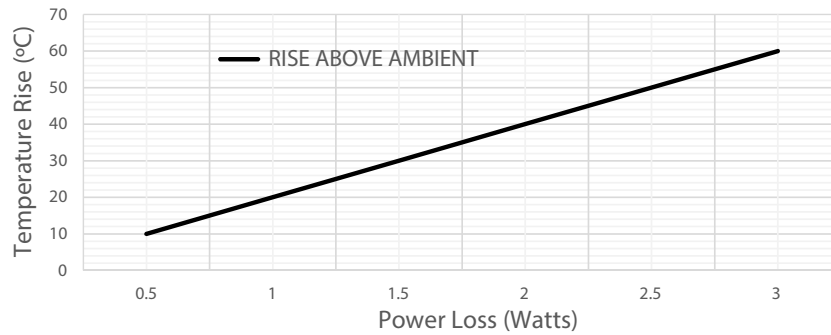


HSK-062 Series

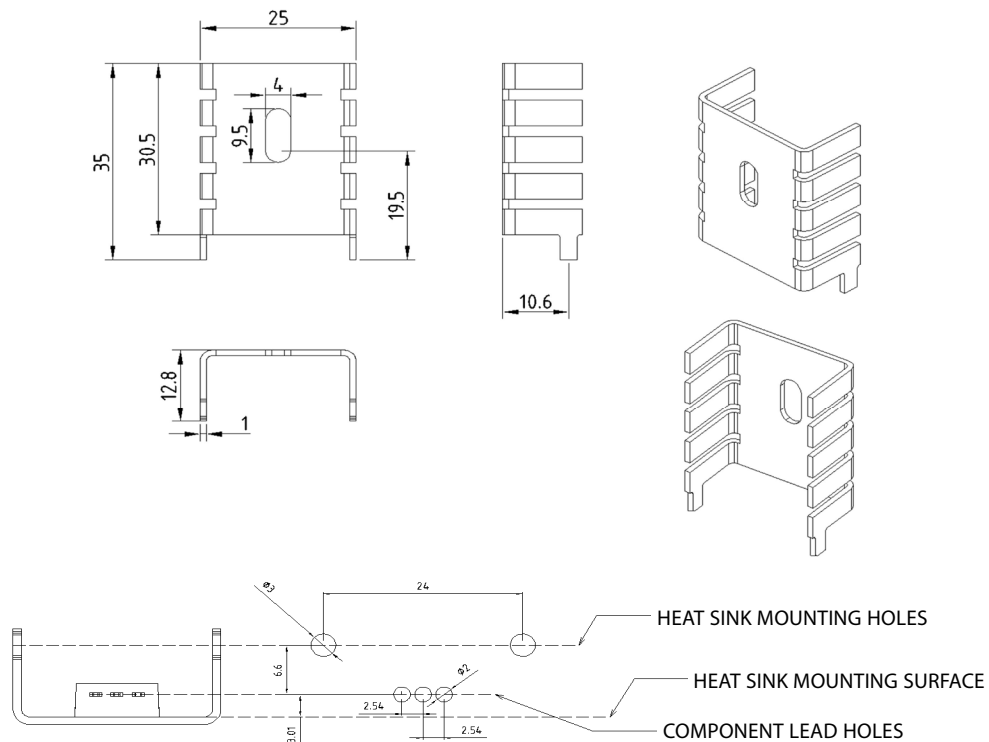
- Stamped Type Heat Sink Suitable For TO-220 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 20°C/Watt



Thermal Properties



Markings and Dimensions

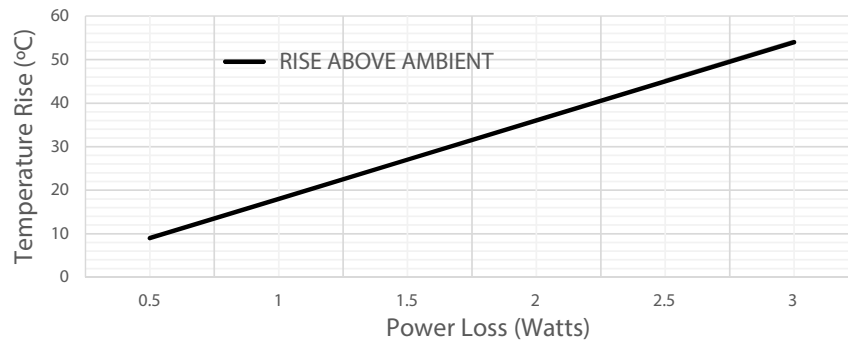


HSK-063 Series

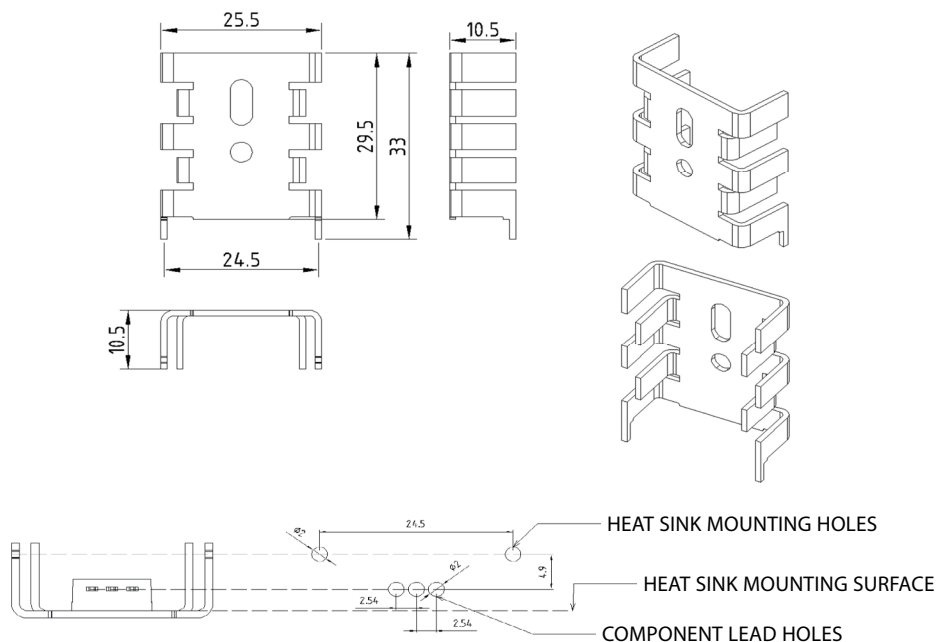
- Stamped Type Heat Sink Suitable For TO-220, SOT-32 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 18°C/Watt



Thermal Properties

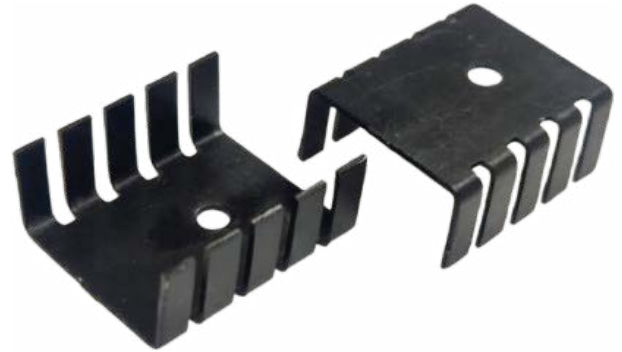


Markings and Dimensions

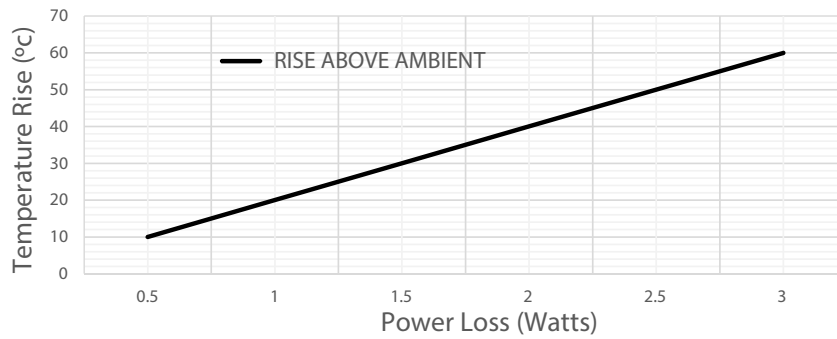


HSK-064 Series

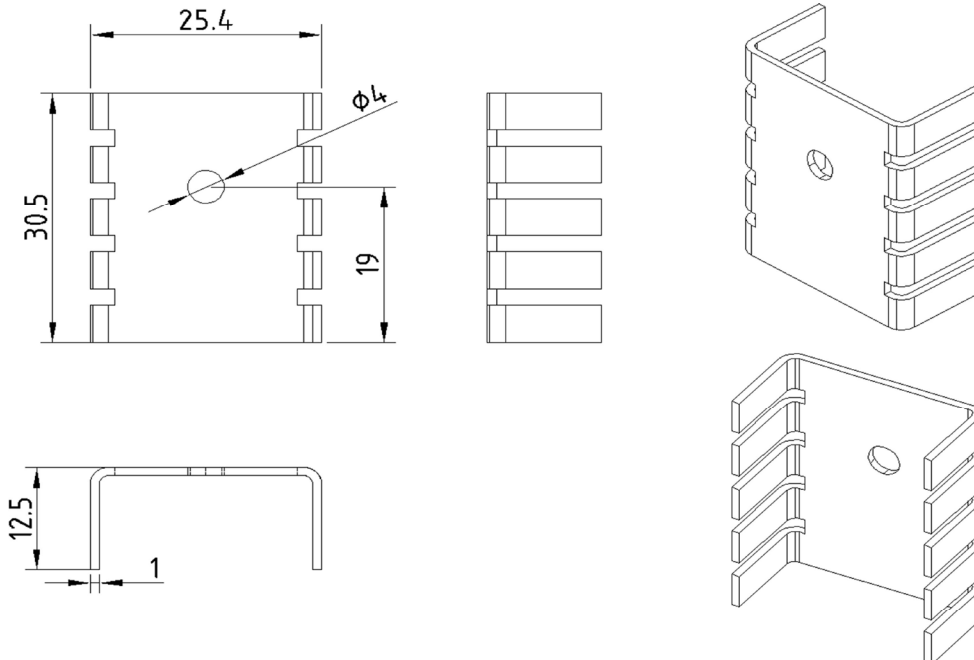
- Stamped Type Heat Sink Suitable For TO-220 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical & Horizontal
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 20°C/Watt



Thermal Properties



Markings and Dimensions



HSK-065 Series

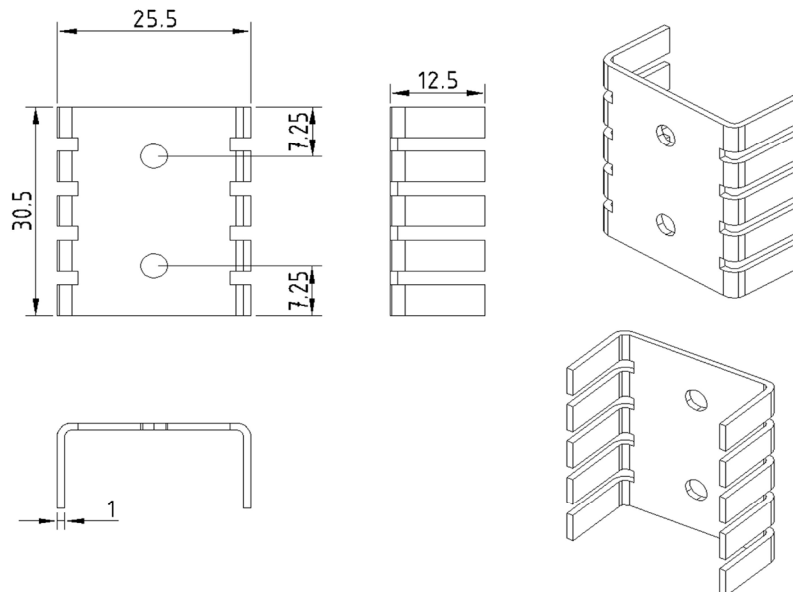
- Stamped Type Heat Sink Suitable For SOT-32 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Horizontal
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 20°C/Watt



Thermal Properties



Markings and Dimensions

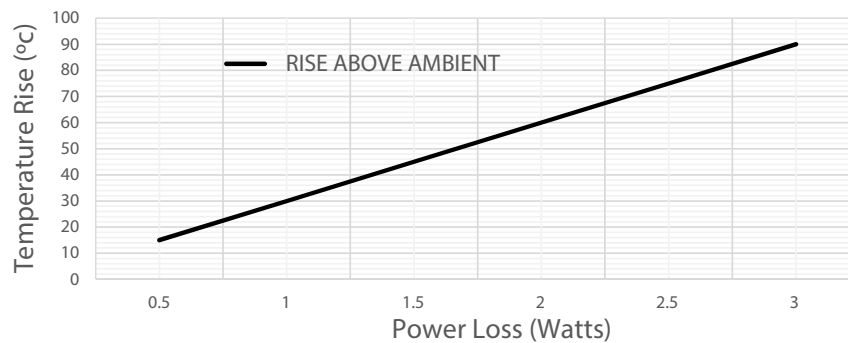


HSK-066 Series

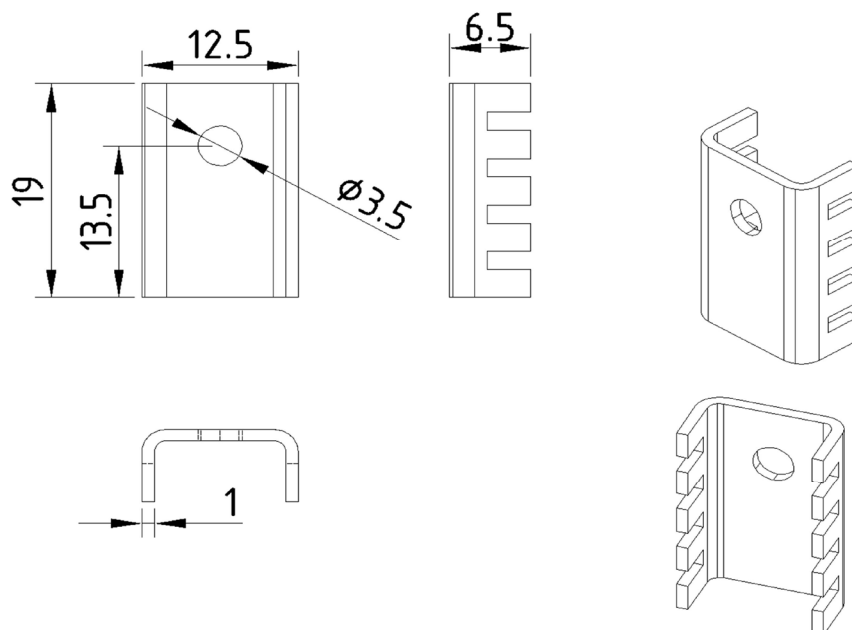
- Stamped Type Heat Sink Suitable For TO-220 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical & Horizontal
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 30°C/Watt



Thermal Properties



Markings and Dimensions

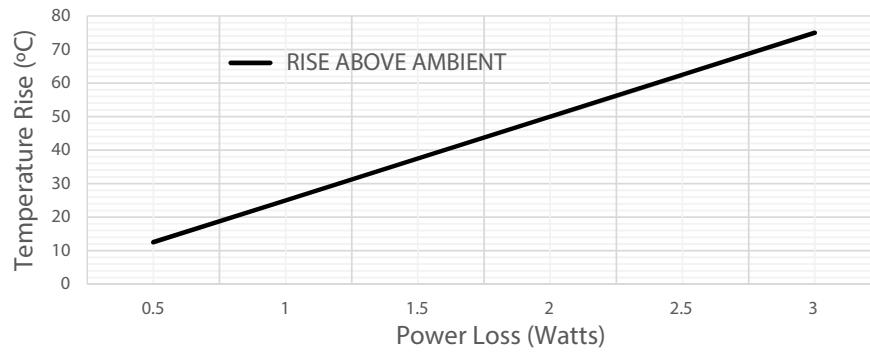


HSK-067 Series

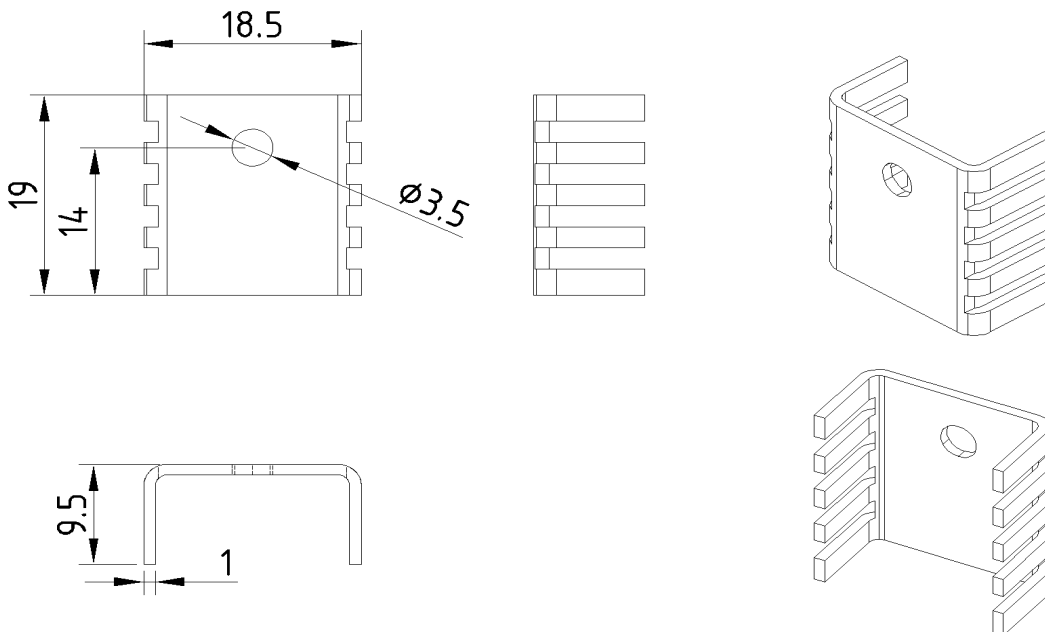
- Stamped Type Heat Sink Suitable For TO-220 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical & Horizontal
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 25°C/Watt



Thermal Properties



Markings and Dimensions

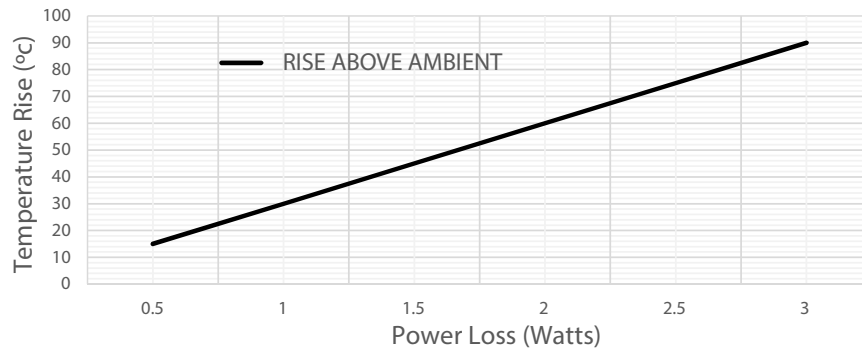


HSK-069 Series

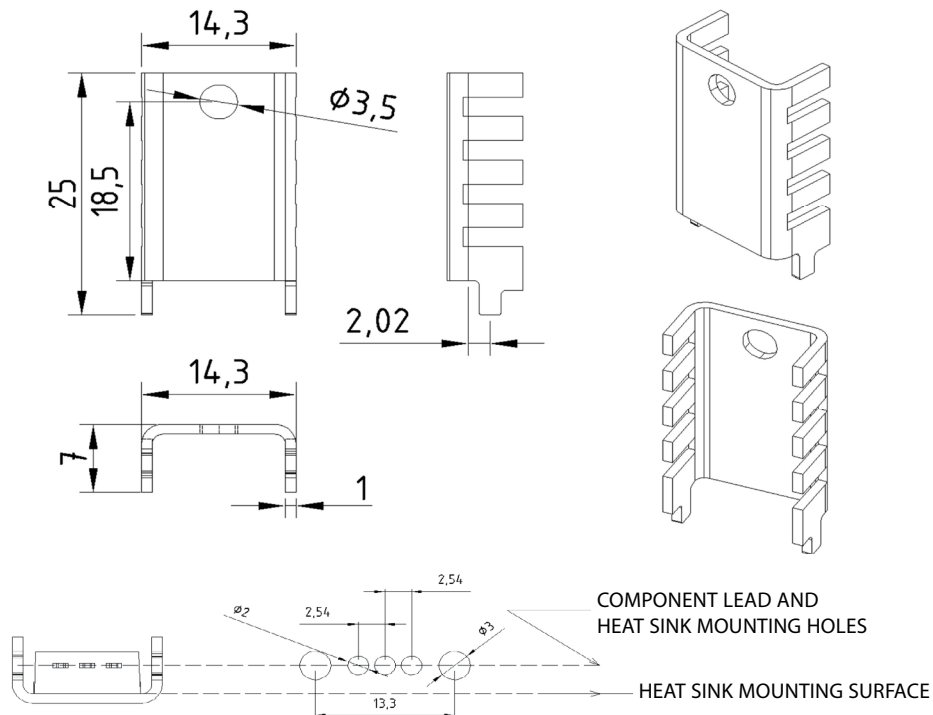
- Stamped Type Heat Sink Suitable For TO-220 Component Package
- Material: Aluminium
- Surface Finish: Black Anodized
- Mounting Method: Vertical
- Component Fitment: M3 Assembly Kit
- Thermal Resistance: 30°C/Watt



Thermal Properties



Markings and Dimensions





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inquiry form.

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