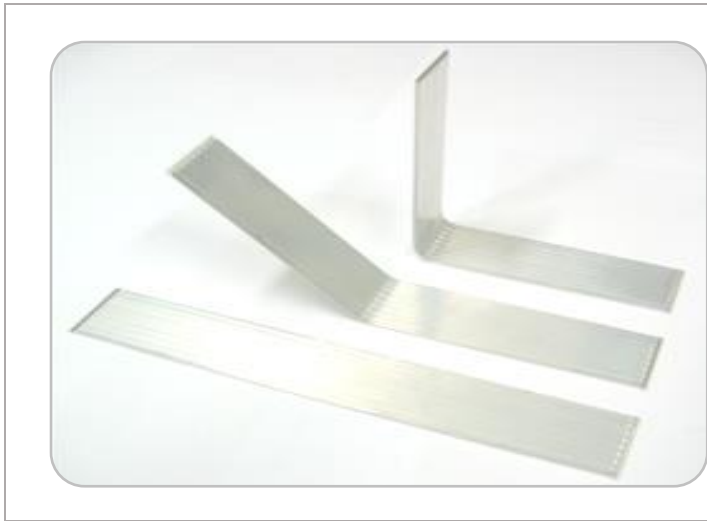


FLAT COOLPIPES

series: MHP



Features:

- Ultra-thin flat heat pipe (1.2~2.5mm)
- High thermal performance up to 300W
- Light weight
- Long Life up to 16 years
- Wide temperature range (-40~150°C)
- Custom lengths available (subject to MOQ)

Applications:

- CPU cooler, Memory Cooler, LED/LCD, EV battery etc

SPECIFICATION

ITEM	DESCRIPTION
Material	Aluminium 1070
Wick Structure	Groove
Working Fluid	Acetone
Operating Inclination	0~90°
Leak Temperature	160°C
Life-time (-40~100 °C)	16 years

STANDARD SIZES AND THERMAL PERFORMANCE

Part Number	Thickness (mm)	Width (mm)	Length (mm)	Max Heat transfer Rate (Watt)*	Technical Data Sheet
MHP-1220A-100A	1.2	20	100	5~18	PDF
MHP-1220A-150A	1.2	20	150	5~18	PDF
MHP-1220A-200A	1.2	20	200	5~18	PDF
MHP-1630A-100A	1.6	30	100	11~50	PDF
MHP-1630A-150A	1.6	30	150	11~50	PDF
MHP-1630A-200A	1.6	30	200	11~50	PDF
MHP-1630A-250A	1.6	30	250	11~50	PDF
MHP-1630A-300A	1.6	30	300	11~50	PDF
MHP-2040A-100A	2.0	40	100	40~170	PDF
MHP-2040A-150A	2.0	40	150	40~170	PDF
MHP-2040A-200A	2.0	40	200	40~170	PDF
MHP-2040A-250A	2.0	40	250	40~170	PDF

ANNOTATION

All specifications shown herein are typical values and are not guaranteed. It is recommended to test in application for suitability.

Part Number	Thickness (mm)	Width (mm)	Length (mm)	Max Heat* Transfer (Watt)	Technical Data Sheet
MHP-2040A-300A	2.0	40	300	40~170	PDF
MHP-2040A-350A	2.0	40	350	40~170	PDF
MHP-2040A-400A	2.0	40	400	40~170	PDF
MHP-2550A-100A	2.5	50	100	75~300	PDF
MHP-2550A-150A	2.5	50	150	75~300	PDF
MHP-2550A-200A	2.5	50	200	75~300	PDF
MHP-2550A-250A	2.5	50	250	75~300	PDF
MHP-2550A-300A	2.5	50	300	75~300	PDF
MHP-2550A-350A	2.5	50	350	75~300	PDF
MHP-2550A-400A	2.5	50	400	75~300	PDF
MHP-2550A-450A	2.5	50	450	75~300	PDF
MHP-2550A-500A	2.5	50	500	75~300	PDF

* Based on our test conditions

Further Information

[Minimum Bending Rad](#)

[Application Data](#)

Reliability Test Data

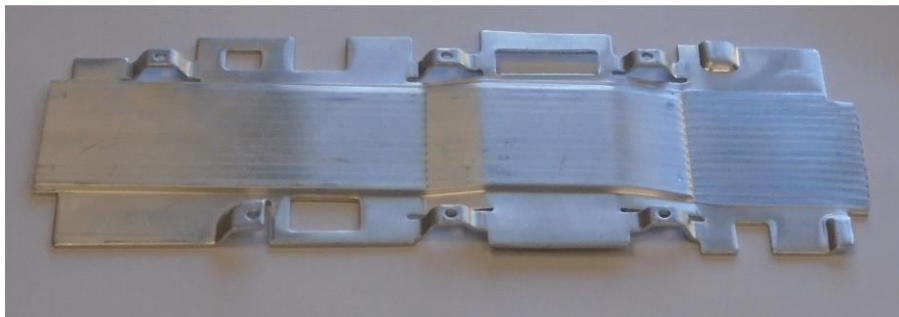
[Accelerated Life Test](#)

[Thermal Shock Test](#)

[High Temperature Test](#)

[Thermal Cycle Test](#)

NEW EMBEDDED HEAT PIPE AVAILBLE – CONTACT OUR SALES TEAM FOR FURTHER INFORMATION:



ANNOTATION

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