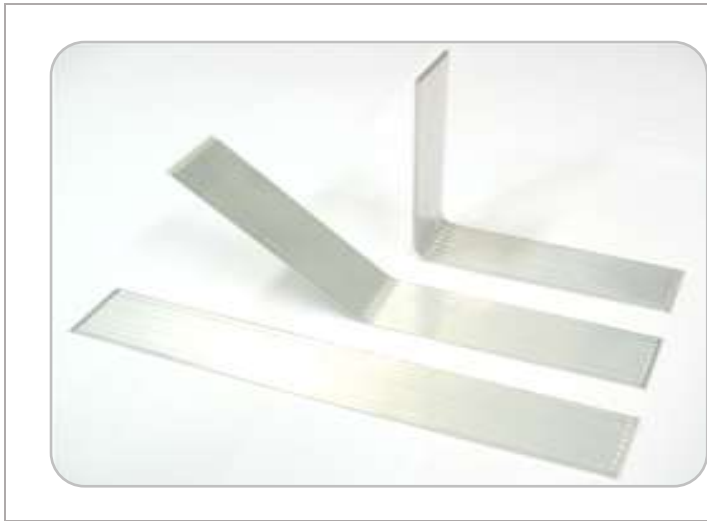


## FLAT COOLPIPES

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	<a href="#">PDF</a>
MHP-1220A-150A	1.2	20	150	5~18	<a href="#">PDF</a>
MHP-1220A-200A	1.2	20	200	5~18	<a href="#">PDF</a>
MHP-1630A-100A	1.6	30	100	11~50	<a href="#">PDF</a>
MHP-1630A-150A	1.6	30	150	11~50	<a href="#">PDF</a>
MHP-1630A-200A	1.6	30	200	11~50	<a href="#">PDF</a>
MHP-1630A-250A	1.6	30	250	11~50	<a href="#">PDF</a>
MHP-1630A-300A	1.6	30	300	11~50	<a href="#">PDF</a>
MHP-2040A-100A	2.0	40	100	40~170	<a href="#">PDF</a>
MHP-2040A-150A	2.0	40	150	40~170	<a href="#">PDF</a>
MHP-2040A-200A	2.0	40	200	40~170	<a href="#">PDF</a>
MHP-2040A-250A	2.0	40	250	40~170	<a href="#">PDF</a>

### 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	<a href="#">PDF</a>
MHP-2040A-350A	2.0	40	350	40~170	<a href="#">PDF</a>
MHP-2040A-400A	2.0	40	400	40~170	<a href="#">PDF</a>
MHP-2550A-100A	2.5	50	100	75~300	<a href="#">PDF</a>
MHP-2550A-150A	2.5	50	150	75~300	<a href="#">PDF</a>
MHP-2550A-200A	2.5	50	200	75~300	<a href="#">PDF</a>
MHP-2550A-250A	2.5	50	250	75~300	<a href="#">PDF</a>
MHP-2550A-300A	2.5	50	300	75~300	<a href="#">PDF</a>
MHP-2550A-350A	2.5	50	350	75~300	<a href="#">PDF</a>
MHP-2550A-400A	2.5	50	400	75~300	<a href="#">PDF</a>
MHP-2550A-450A	2.5	50	450	75~300	<a href="#">PDF</a>
MHP-2550A-500A	2.5	50	500	75~300	<a href="#">PDF</a>

\* 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](#)

#### ANNOTATION

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