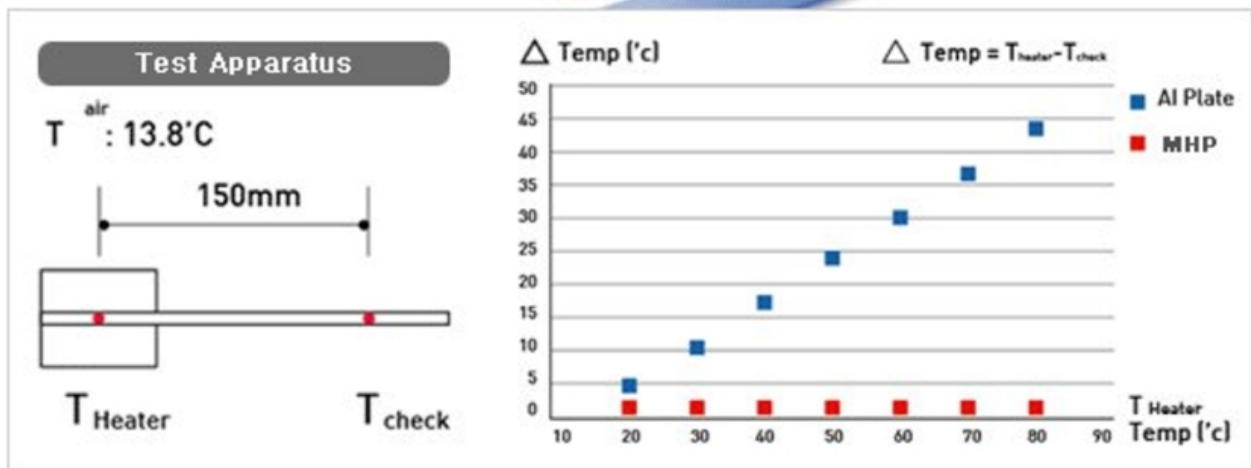


## Thermal Characteristic



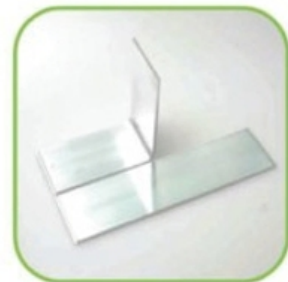
- Horizontal Mode Test Result.
- Superior Thermal Conductivity.
- Superior Thermal Uniformity.

[1] Cu Heat Pipe & MHP Spec. Table

	Cu Heat Pipe	MHP
Container	C1020 (Cu 99.96%)	Al 1050
Working Fluid	DI Water	Acetone
Wick Structure	Grooved Wick	
Working Temp.	70°C	
Length	100mm	



[ Cu Heat Pipe ]



[ MHP ]

[2] Cu Heat Pipe & MHP Thermal Performance Table

Cu Heat Pipe				MHP		
Out Diameter [mm]	Thickness [mm]	Resistance [°C/W]	Qmax [Watt]	Thickness [mm]	Resistance [°C/W]	Qmax [Watt]
Φ5.0	2.0t	0.2~0.45	5	2.0t	0.1	50
Φ6.0	(Flatten)	0.1~0.32	5			

※ Thermal Performance of the MHP will significantly out perform that of a Copper Heat Pipe.

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