

## ø4 Sintered Powder

ITEM		SPECIFICATION
Shape	Round	Ø4±0.05mm
	Flat	t: 4.37-4.97±0.15mm
Wall Thickness		0.30±0.02mm
Length		250±1mm
Working Fluid		Pure H <sub>2</sub> O
Wick Structure		<b>Sintered Powder</b>
Fail Temperature (No Cooling)		180°C Leakage
		140°C Inflation
Q <sub>max</sub>		32W
Copper-Water Heat Pipe Thermal Resistance $\theta$		Max 0.3°C/w
Inclination		Any Direction
Flexibility		Curvature $R_c \geq 12\text{mm}$
Guaranty		5 Years
Note: Q <sub>max</sub> and $\theta$ are tested in level condition. Evaporator and condenser are 50mm and 37mm in length, respectively. Condenser section is cooling by water cycling.		