

## ø8 Groove

ITEM		SPECIFICATION
Shape	Round	ø8±0.05mm
	Flat	t: 9.26-11.54+0.15/-0.35mm
Wall Thickness		0.30±0.02mm
Length		80~1000±1mm (1500mm under special condition)
Working Fluid		Pure H <sub>2</sub> O
Wick Structure		<b>Groove</b>
Fail Temperature (No Cooling)		180°C Leakage
		140°C Inflation
Q <sub>max</sub>		68W
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
<p>Note: Q<sub>max</sub> and <math>\theta</math> are tested in level condition. Evaporator and condenser are 50mm and 37mm in length, respectively. Condenser section is cooling by water cycling.</p>		