

ø5 Groove

ITEM		SPECIFICATION
Shape	Round	Ø5±0.05mm
	Flat	t: N/A
Wall Thickness		0.30±0.02mm
Length		80~300±1mm
Working Fluid		Pure H ₂ O
Wick Structure		Groove
Fail Temperature (No Cooling)		180°C Leakage
		140°C Inflation
Q _{max}		48W
Copper-Water Heat Pipe Thermal Resistance θ		Max 0.3°C/w
Inclination		Any Direction
Flexibility		Curvature $R_c \geq 12\text{mm}$
Guaranty		5 Years
Note: Q _{max} and θ are tested in level condition. Evaporator and condenser are 50mm and 37mm in length, respectively. Condenser section is cooling by water cycling.		