

## ø6 Sintered Powder

| ITEM  |       | SPECIFICATION                                |
|---|-------|--|
| Shape   | Round | Ø6±0.05mm                                    |
|   | Flat  | t: 6.78-8.30+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>Sintered Powder</b>                       |
| Fail Temperature (No Cooling)   |       | 180°C Leakage                                |
|   |       | 140°C Inflation                              |
| Q <sub>max</sub>  |       | 65W  |
| Copper-Water Heat Pipe Thermal Resistance $\theta$  |       | Max 0.3°C/w                                  |
| Inclination   |       | Any Direction                                |
| Flexibility   |       | Curvature $R_c \geq 12$ 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. |       |  |