

	Rev.: Rev-00
Model: 6 x 300mm Sintered heatpipe	Page: 1 of 3
Model No.: CP-S6300-01	Issue date: 2010.09.09

Specification

Model: 6 x 300mm Sintered heatpipe	Page: 2 of 3
Model No.:CP-S6300-01	Issue date: 2010.09.09

HEATPIPE SPECIFICATION

1. NOTES

- a. The dimension marks will check by Q.C.
- b. The Heatpipe detail dimensions and configuration are per the approval for vendors.

2. STANDARD ENVIRONMENTAL CONDITIONS

Temperature 25°C and relative humidity 60% shall be the standard if no doubt arises in the judgment however it is permitted that tests are conducted in the environment of temperature 5-35°C, relative humidity 45-85%.

Model: 6 x 300mm Sintered heatpipe	Page: 3 of 3
Model No.:CP-S6300-01	Issue date: 2010.09.09

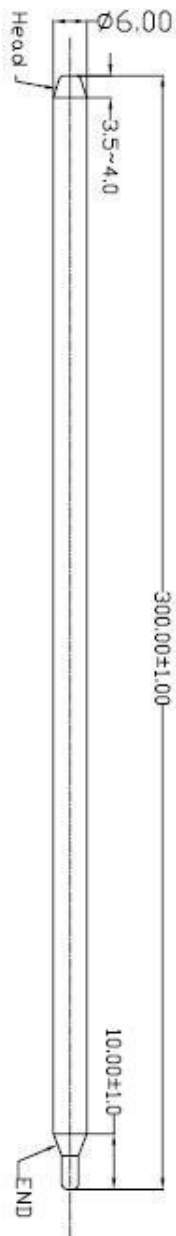
3. STRUCTURE AND FORM OF Heatpipe

3-1	External	As per attached drawing
3-2	Tube	Copper
3-3	Powder	Copper
3-4	Medium	Pure water

4. RATING AND OPERATING CONDITIONS

4.1	Qmax (W) at 70°C	25W
4.2	Head	3.5-4mm
4.3	End	10mm+/-1mm
4.4	Storage Temperature	-40-70°C
4.5	Operating Temperature	25-150°C (temperature inside heatpipe)
4.6	Temperature tolerance between Head and End at thermal resistance test in 65°C water	Below 3°C
4.7	Temperature tolerance between Head and End in Qmax test at 70°C on Head of heatpipe	Below 5°C(25W)

REV	DESCRIPTION	MODELED BY	DATE
001	New release		Sept 09, 10



- UNLESS OTHERWISE SPECIFIED:
1. DIMENSIONS ARE IN MM AND ARE FOR LARGE END ON CAVITY, SMALL END ON CORE AS APPLICABLE TO DRAFT.
 2. ANY DIMENSION INCLUDING ITS TOLERANCE LOCATED ABOUT A CENTERLINE SHOULD BE FORMALLY DIVIDED BY 2.
 3. ALL DIMENSIONS SHOULD BE FORMALLY DIVIDED BY 2.
 4. TOLERANCES AS FOLLOWS:
 - 0~5±0.05
 - 5~10±0.10
 - 10~20±0.15
 - 20~50±0.20
 - 50~100±0.30
 - 100~200±0.50
 - 200~500±0.75
 - 500~1000±1.00
- HOLES ON CENTERLINES
ANGLE

MATERIAL:	Cu 1020	FINISHING:	VDU	SIZE:	A4
PART NO.:		DWN BY:	Jia Feng Wang	SCALE:	1/1
MODEL MASS:		CHK BY:		UNIT:	mm
DWG NO.:		APP BY:		SHEET:	1/1

Heat type-03

※All material must be RoHS compatible

