



# APPROVAL SHEET

## 3.5" HDD Enclosure

SALES MODEL NO: SP176SUO-BK-EU

ENGINEER NO: SH0719SUO-BK



<b>Article No. : SP-AP-SH-A100</b> <b>Issue Date : Dec 10 , 2009</b> <b>Version : A/0</b>	<b>Audited by</b>
---	-------------------

<b>Checked by</b>	<b>Drafted by</b>
-------------------	-------------------

## Spire Corp.

Tel.: +86-755-33823311 Fax: +86-755-33823314

[Http://www.spire-corp.com](http://www.spire-corp.com)

[Http://www.spirepower.com](http://www.spirepower.com)

[Http://www.spirecoolers.com](http://www.spirecoolers.com)





## **Contents**

<b>1</b>	<b>Features .....</b>	<b>4</b>
<b>2</b>	<b>Package includes .....</b>	<b>5</b>
<b>3</b>	<b>Specification .....</b>	<b>5</b>
<b>4</b>	<b>Pictures .....</b>	<b>6</b>
<b>5</b>	<b>Detail part specifications .....</b>	<b>7</b>
<b>6</b>	<b>HDD Drawing.....</b>	<b>8</b>
<b>7</b>	<b>Assembly Drawing.....</b>	<b>9</b>
<b>8</b>	<b>Correlative Certification compliance.....</b>	<b>10</b>



**1 Features:**

**A Description**

- 1) Supports Windows98/ME/2000/XP/VISTA/Windows7/Mac OS 8.6 or above
- 2) Supports 3.5" SATA Hard disk up to 2TB
- 3) Easy installation/plug- play/no jumpers
- 4) Power input AC:100-240V
- 5) Self Power consumption +12V
- 6) Maximum transfer speed at 480M/sec
- 7) Support OTB function

**B Sales list**

Dimensions	211*121*38mm	
Material	AL+ABS	
Color	Black	
AC input	100-240V	
DC output	+12V	
Trasfering interface	High speed USB2.0	
HDD support	3.5" SATA HDD	
Support maximum capacity	2TB	
Maximum transfer speed	480Mbit/sec	
OS support	Windows 98/ME/2000/XP/VISTA/Windows7/ Mac OS 8.6,OS X	
Chipset	JM20339	
Certification	CE/FCC	
MTBF	3Years	
Operating temperature	10° ~60°	
Storage temperature	10° ~60°	
Warranty	1Years	
Packaging type	Color box	
Package includes	SP176SUO-BK unit/USB cable/Powercable/driver-CD/Screws/Manual	
N.W (only enclosure)	450g	
G.W(inclcolorbox&accessoires)	680g	
Dimension / color Box	235*195*75mm	
UPC/EAN Code	6943051203386	
Dimension /Carton Box	525*405*405mm	
PCS/Carton Box	20	

**2 Package includes:**

- 1) USB A TO USB B Cable
- 2) Adapter
- 3) Power Cable
- 4) Screw driver
- 5) Driver CD
- 6) Manual
- 7) Screws



**3 Specification**


HDD Connector	HDD Size	Transfer Interface	Power	Dimension	Weight
SATA	3.5"	USB	Power adapter	211*121*38 mm	450g

## 4 Pictures:




**5 Detail part specifications**


1) Case

Item	Material	
	Case	AL

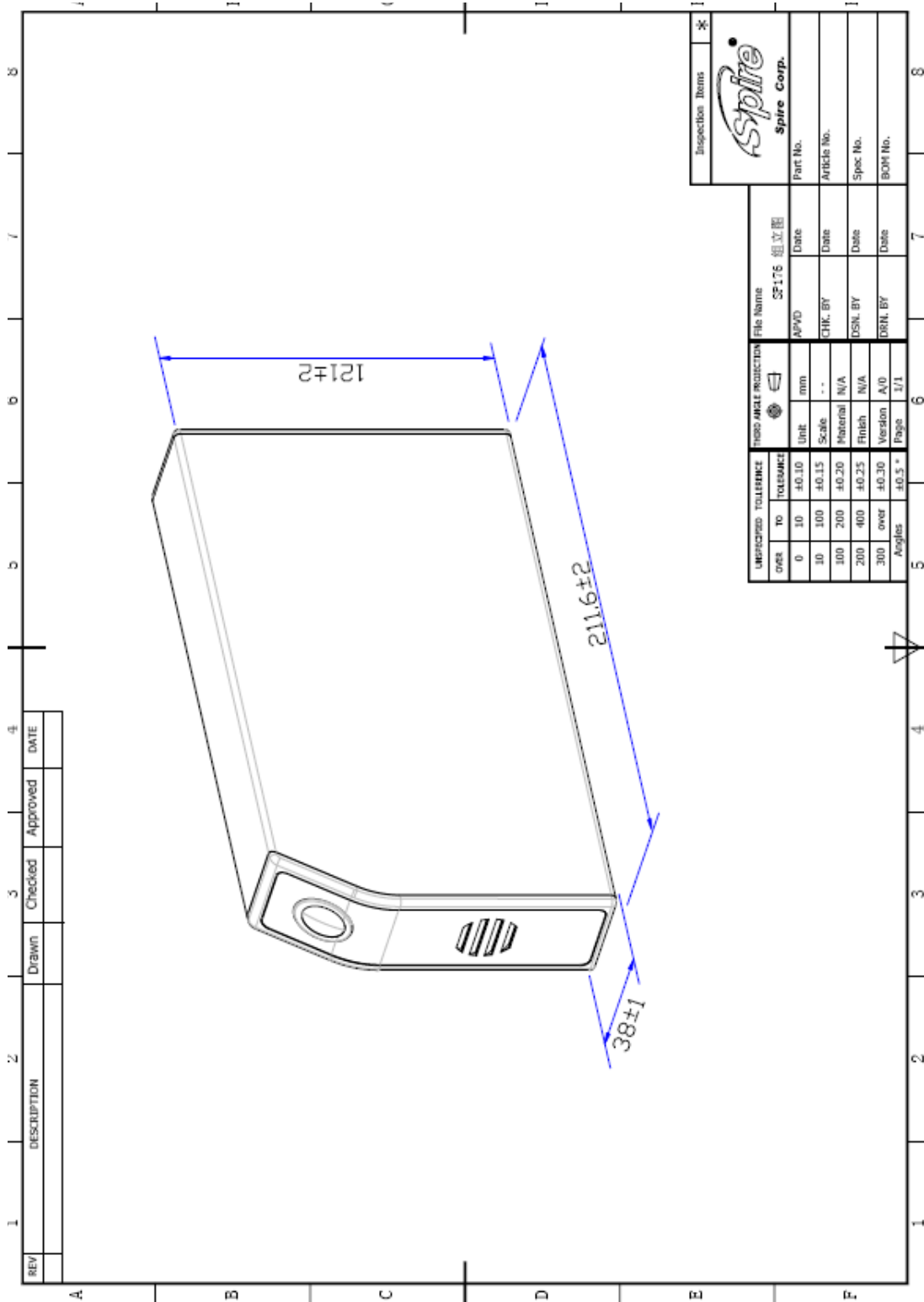
2) PCB

Item	Material	
	PCB	FR-4

3) Cable

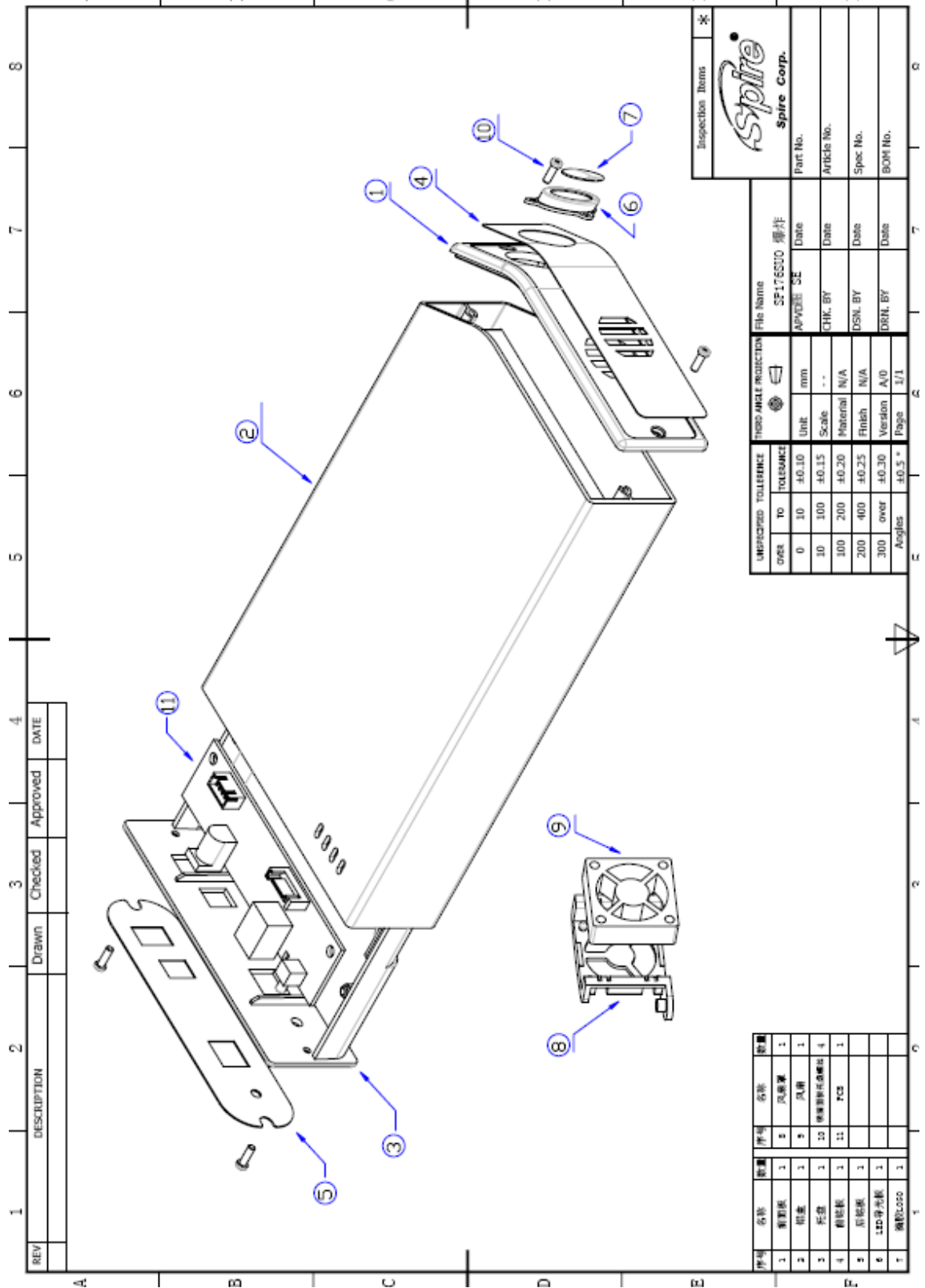
Item	Material	
	USB Cable	N/A

6 HDD Drawing





7 Assembly Drawing



REV	DESCRIPTION	Drawn	Checked	Approved	DATE

序號	名稱	數量	序號	名稱	數量
1	前蓋板	1	5	風扇罩	1
2	底座	1	9	風扇	1
3	托盤	1	10	保潔膠片及螺絲	4
4	轉軸板	1	11	PCB	1
5	后蓋板	1			
6	LED導光板	1			
7	機殼Logo	1			

UNSPECIFIED	TOLERANCE	0	10	±0.10	Unit	mm
over	10	100	±0.15	Scale	-	-
200	200	±0.20	Material	N/A		
300	over	±0.25	Finish	N/A		
Angles	±0.5°	Version	A/0	Page	1/1	

FILED	DATE	BY	CHK.	BY	DATE
APPROVED	SE				
USN	BY				
DRN	BY				

File Name	Part No.
SP176530 爆炸	
Article No.	Spec. No.
BOM No.	

Inspection Items	*
------------------	---



**8 Correlative Certification compliance**

<b>Item #</b>	<b>Certification type</b>	<b>Certification Number</b>	<b>Certification listing</b>	<b>Remark</b>
1	CE	A08012905EK	<a href="http://www.aovt.com">www.aovt.com</a>	
2	FCC	A08012906FK	<a href="http://www.aovt.com">www.aovt.com</a>	



Spire Corp.

Spire Coolers Corp.  
1~3rd floor, No.D BLDG, Bantian Str.  
Buji town, Longgang Area  
Shenzhen, China  
Tel.: +86-0755-33823311  
Fax: +86-0755-33823314  
W.: www.spire-corp.com



### RoHS Declaration of Conformity

Spire hereby declares under our sole responsibility that the product:

Part number: **SP176SUO-BK-EU**  
Codename: HDD Enclosure

Description:



- 1) Supports Windows98/ME/2000/XP/VISTA/Windows7/Mac OS 8.6 or above
- 2) Supports 3.5" SATA Hard disk up to 2TB
- 3) Easy installation/plug- play/no jumpers
- 4) Power input AC:100-240V
- 5) Self Power consumption +12V
- 6) Maximum transfer speed at 480M/sec
- 7) Support OTB function

Is tested and approved in compliance with the EUROPEAN COUNCIL ROHS DERECTIVE.

(Restriction of Hazardous Substances) which will restrict the use of certain substances in electrical and electronic products: including lead (Pb), mercury, cadmium, hexavalent chromium, and certain halide-containing flame retardants. The directive applies to all electrical and electronic products, their component parts that are placed on the market after July 1, 2006.

Spire Coolers Corp.  
PM Engineering Dept.

Buji, Shenzhen

