



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP913S1-V3-PWM

ENGINEER NO: SC913S1-V3-PWM



Article No. : SP-AP-SC-A427 Issue Date : May. 23 , 2013 Version : A/0	Audited by
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Approval Sheet Revisement Record

SALES MODEL NO: SP913S1-V3-PWM

ENGINEER NO: SC913S1-V3-PWM

Article No: SP-AP-SC-A427

Version	Revised Chapter	Description	Revised Date	Drafted by	Audited by	ECN No.
A/0	N/A	First Version	2013-05-23			N/A



Contents

1. Main Components List.....	4
2. Multi views and images.....	5
2.1 Coolers images.....	5
2.2 Components images.....	6
3. Features and Specifications	7
4. Product Drawing.....	8
4.1 Assembly Drawing.....	8
4.2 Cooler Drawing.....	9
5. Fan Specification.....	10
6. P&Q Characteristic curves.....	11
7. Correlative Certification compliance.....	12



1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Heatsink	SC613S1-V2	1	Cu+Al
2	Accessories	03CM056	1	Steel+ Plastic
3	Fan	SF09025S3M4W2-PWM	1	Plastic

2. Multi views and images

2.1 Cooler images



Picture 1 : Full view



Picture 2 : Top view



Picture 3 : Base view



Picture 4 : Right view

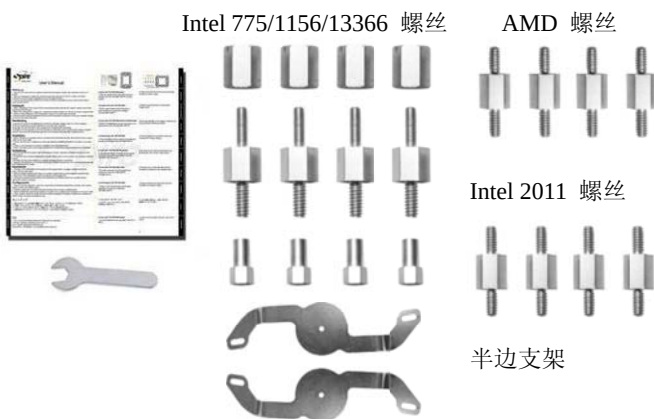
2.2 Components images



Picture 1 : Heatsink



Picture 2: Fan



Picture 3: Accessories



Picture 4: backboard



Picture 5: Fan Label



Picture 6: 4pin pwm (2510)



Picture 7: rubber Clip



3. Features and Specifications:

Main features:

- Aluminum High-density fin Heat Sink
- Three(3) thermally improved copper heat-pipes
- 95x25mm Sleeve bearing PWM fan for silent operation
- heat-sink with large base for optimal heat conductivity

Specifications:

Dimensions	Heat sink : 96.5X51X125 mm	
	12VDC Fan : 95X25 mm	
Material	AL+CU	
heatpipe	Three(3) 6mm all copper U-shaped	
Bearing	Sleeve Bearing	
Rated speed	Cooler	600~2200 RPM
	Single fan	600~2200 RPM
Rated power	1.92 W	
Noise level	10.0~22.0 dBA	
Air flow	45.26 CFM Max.	
Current(MAX)	0.16A	
Life hours	3,0000	
Connector	4 PIN PWM(2510)	
Application	1. Intel LGA775/1156/1366/2011 2. AM2/AM3/AM3+ 3. AMD FM1/FM2	
TDP(Watt)	125 W	
Thermal resistance	0.242°C/W	
Thermal type	Stars-456	
weight	318 g(Cooler only)	

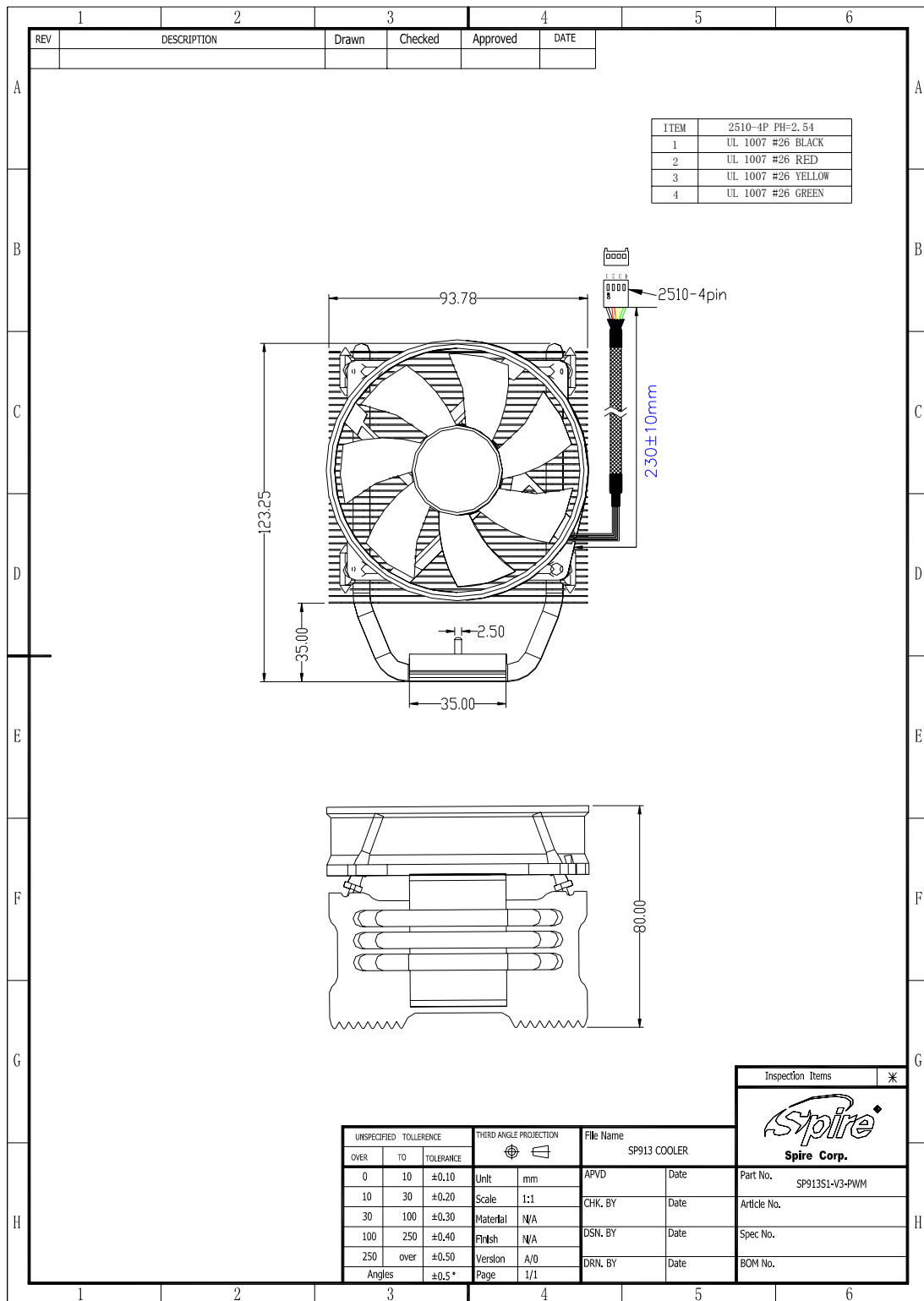
4.1 Assembly Drawing

REV	DESCRIPTION	Drawn	Checked	Approved	DATE

Item	Component	Part No.	Quantity
1	Heatsink	W1-SC613S1-V2	1
2	Fan	SF09025S3M4W2-PWM	1
3	Rubber nails	10983S0501	4

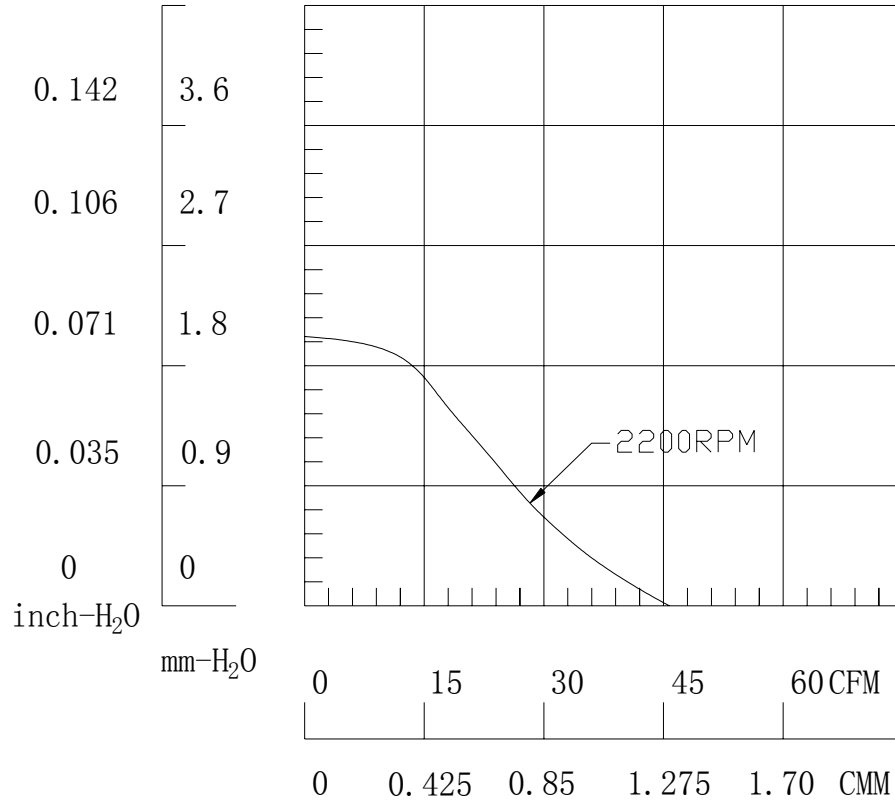
UNSPECIFIED TOLERANCE			THIRD ANGLE PROJECTION		File Name	
OVER	TO	TOLERANCE			SP913 Components Images	
0	10	±0.10	Unit	mm	APVD	Date
10	30	±0.20	Scale	1:1	CHK. BY	Date
30	100	±0.30	Material	N/A	DSNL. BY	Date
100	250	±0.40	Finish	N/A	DRNL. BY	Date
250	over	±0.50	Version	A/0		
Angles		±0.5°	Page	1/1		

Inspection Items	
Part No.	SP913S1-V3-PWM
Article No.	
Spec No.	
BOM No.	



FAN MODEL: SF09025S3M4W2-PWM

1) Rated Voltage	: 12VDC
2) Operating Voltage Range	: 10.2 ~13.8VDC
3) Rated Speed(Only fan)	: 600~2200RPM $\pm$ 10%
4) Static Pressure	: 2.02 mm-H ₂ O
5) Air Flow	: 45.26CFM Max.
6) Rated Current(max)	: 0.16A
7) Rated Power	: 1.92WATTS
8) Noise Level	: 10.0~22.0 dB(A)
9) Operating Temperature	: -10 to 70 °C
10) Storage Temperature	: -40 to 70 °C
11) Bearing System	: Sleeve Bearing
12) Connector	: 4 pin pwm(2510)
13) Weight	: 62 g



Item #	Certification type	Certification Number	Certification listing	Remark
1	EMC	BCT07LC-807E	www.bontek.com.cn	
2	LVD	BCT07LC-807S	www.bontek.com.cn	
3	FCC	ASZ08041007FK	www.aovt.com	
4	ROHS	GZ0803038947A/CHEM	www.rohs.cn.com	
5	TUV	R50131773	www.sz.chn.tuv.com	