



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP533S7-PWM

ENGINEER NO: SC533S7-PWM



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

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



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Approval Sheet Revisement Record

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Version	Revised Chapter	Description	Revised Date	Drafted by	Audited by	ECN No.
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1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Heatsink	WI-SC533S7-PWM	1	

2. Multi views and images

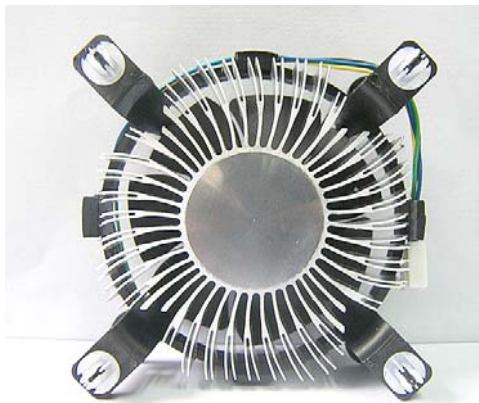
2.1 Cooler images



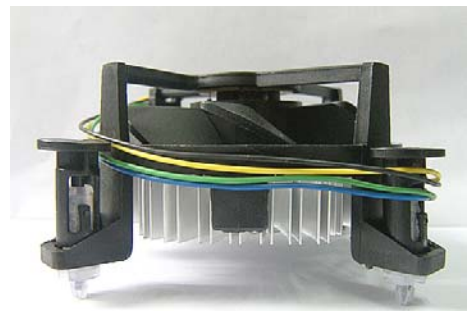
Picture 1 : Full view



Picture 2 : Top view



Picture 3 : Base view



Picture 4 : Right view

2.2 Components images



Picture 1 : Heatsink



Picture 2: Fan



Picture 3: Push-Pin



Picture4: Fan Label



Picture 5: 4PIN PWM(2510)



3. Features and Specifications:

Main features:

Supports all new Intel LGA1155/1156 micro-processors

Ø 90x25mm Sleeve bearing fan for silent operation

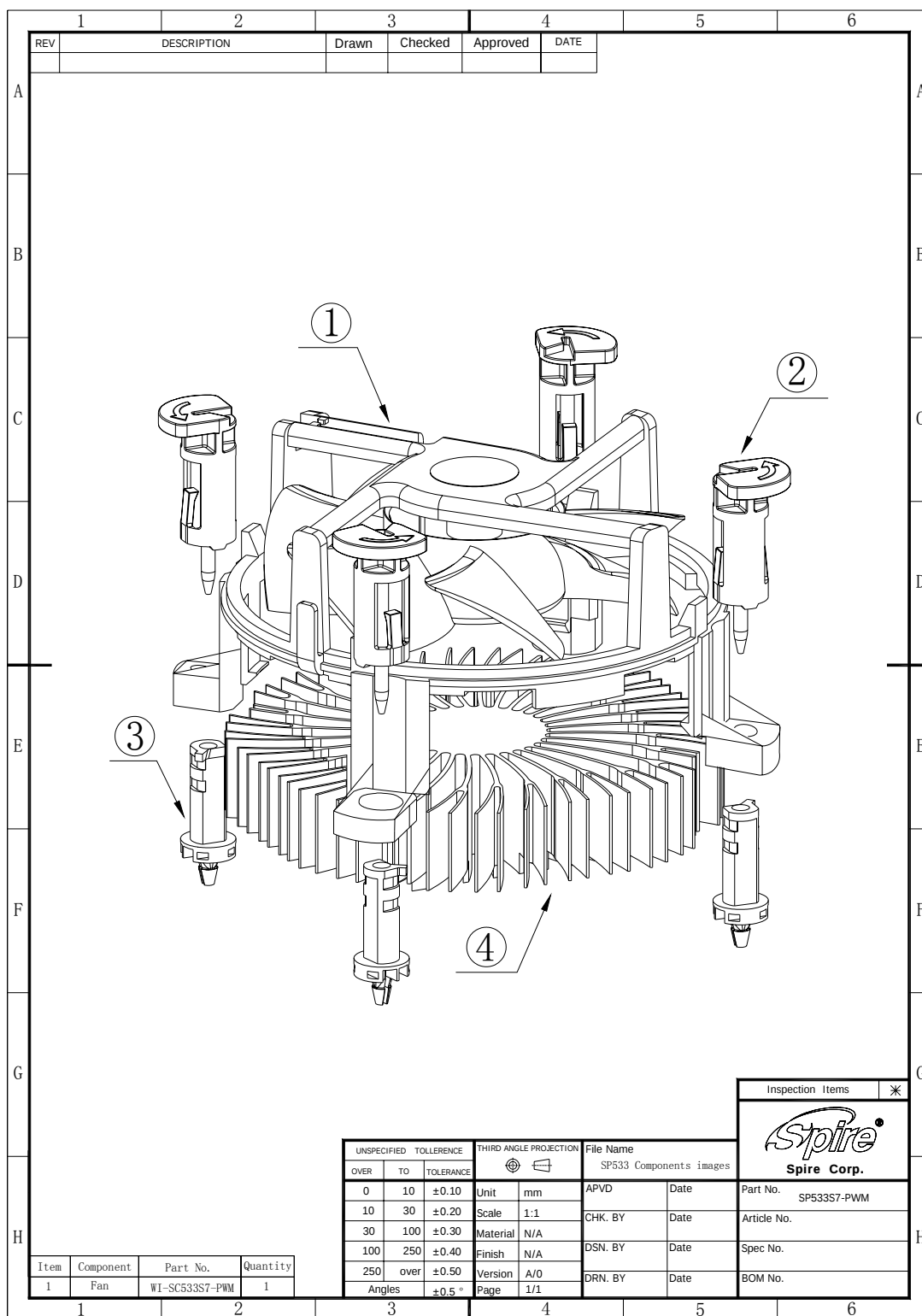
High-density extruded heat-sink with large base for optimal heat conductivity

Specifications:

Dimensions	Heat sink : Ø 85.2*19mm	
	12VDC Fan : Ø 90*25mm	
Material	AL	
Bearing	Sleeve Bearing	
Rated speed	Cooler	600~2200 RPM +/-10%
	Single fan	600~2200 RPM +/-10%
Rated power	2.16W	
Noise level	25.0 dBA	
Air flow	40.9 CFM at 2,200 RPM	
Current(MAX)	0.18A	
Life hours	Sleeve: 30,000	
Connector	4PIN PWM(2510)	
Application	Intel LGA1155/1156 Cooler :	
TDP(Watt)	65W	
Thermal resistance	0.4°C/W	
Thermal type	Stars-350 white grease (pre-applied)	
weight	131 g(Cooler only)	

4. Product Drawing

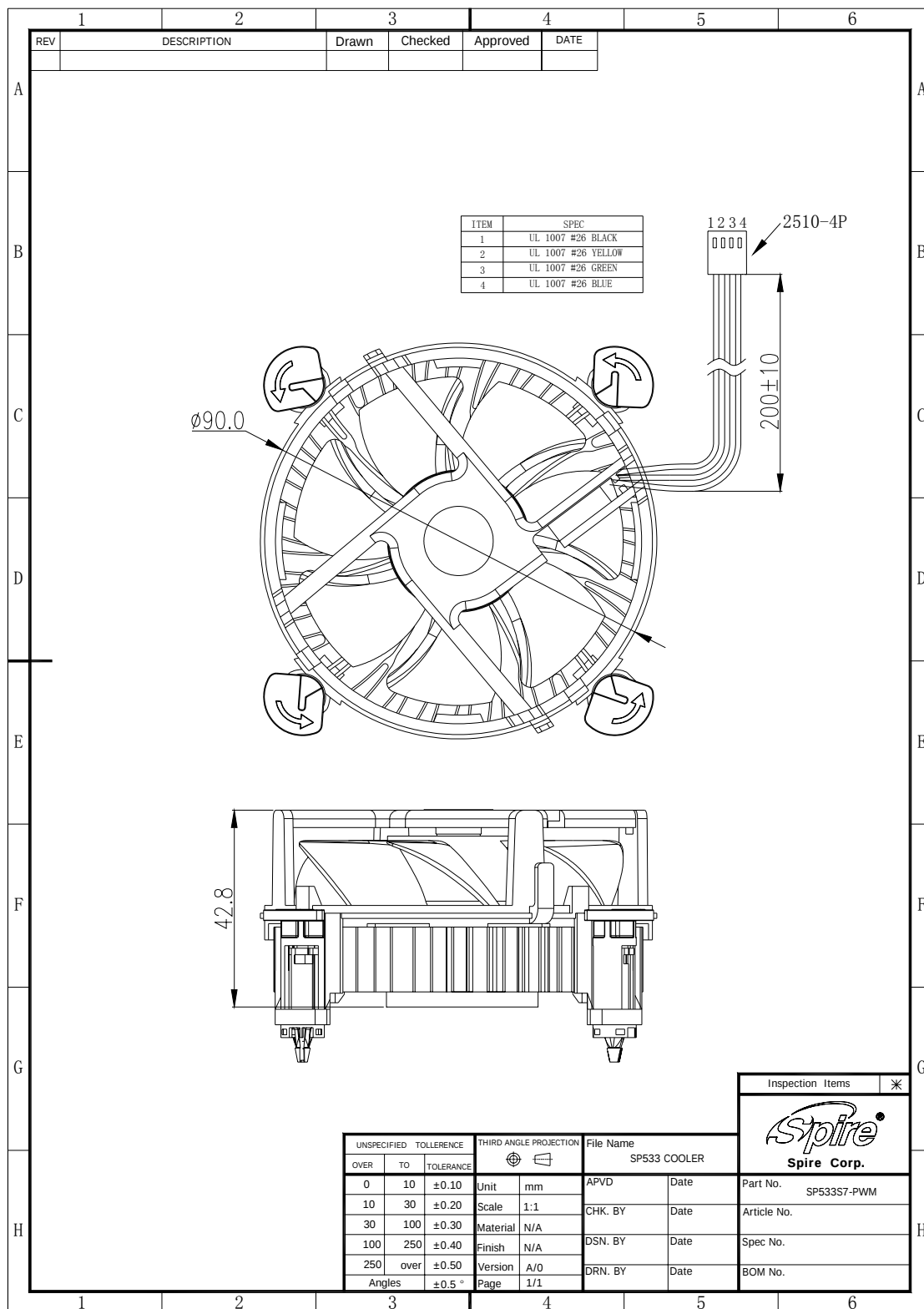
4.1 Assembly Drawing





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4.2 Cooler





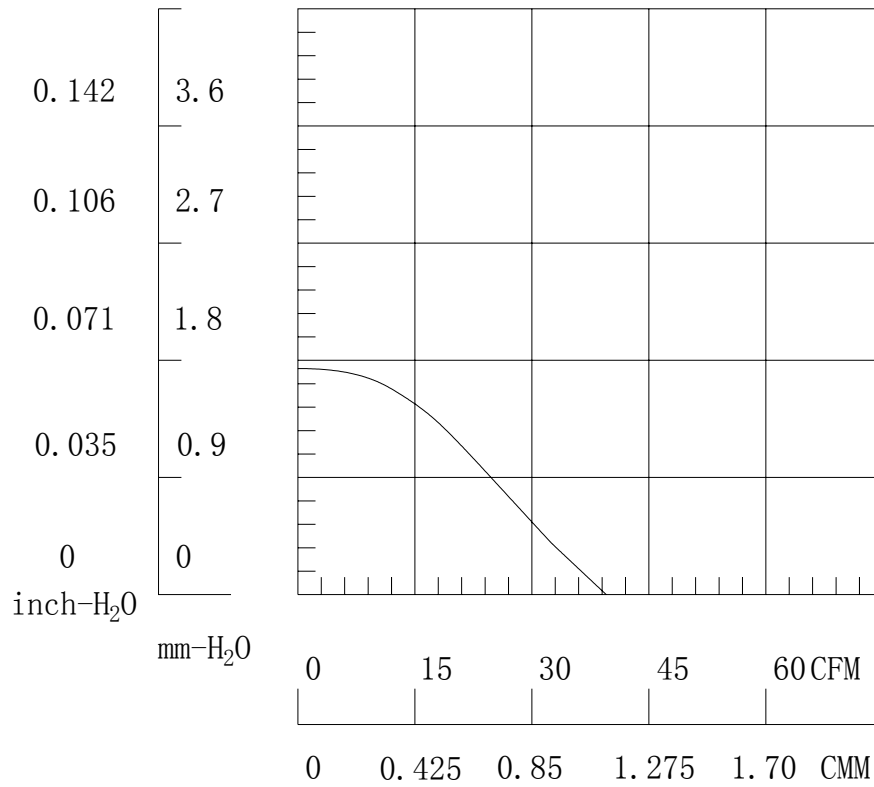
5. Fan Specification:

FAN MODEL: SF09025SRL402-PWM

1) Rated Voltage	: 12VDC
2) Operating Voltage Range	: 10.2 ~13.8VDC
3) Rated Speed(Only fan)	: 600~2200RPM ±10%
4) Static Pressure	: 1.7 mm-H ₂ O
5) Air Flow	: 40.9CFM
6) Rated Current(max)	: 0.18 A
7) Rated Power	: 2.16WATTS
8) Noise Level	: 25.0 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	: 56.0 g



6. P&Q Characteristic curves





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7. Correlative Certification compliance

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	