

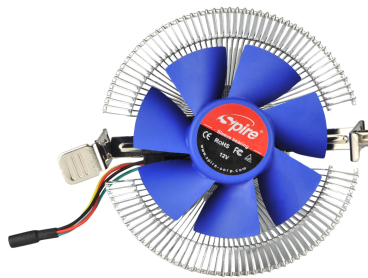


APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP615S1-V1-PWM

ENGINEER NO: SC615S1-V1-PWM



Article No. : SP-AP-SC-A417 Issue Date : Aug. 9, 2012 Version : A/0	Audited by
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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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ENGINEER NO: SC615S1-V1-PWM

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

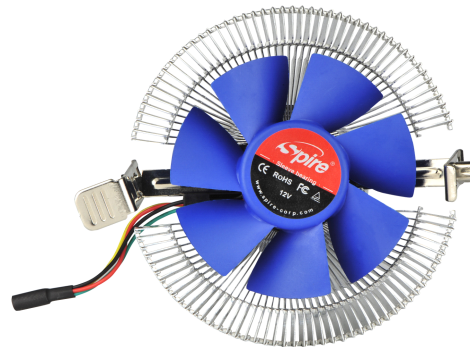
Item	Components	Part No.	Quantity	Material
1	Heatsink	SC545S1-V1	1	N/A
2	Push pin	SC545S1-V1	4	Plastic
3	Bracket	SC545S1-V1	1	Plastic
4	AM2 clip	SC545S1-V1	1	Metal
5	Screw	03SW136	4	Metal
6	Fan	SF08025S2M4W2-PWM	1	Plastic

2. Multi views and images

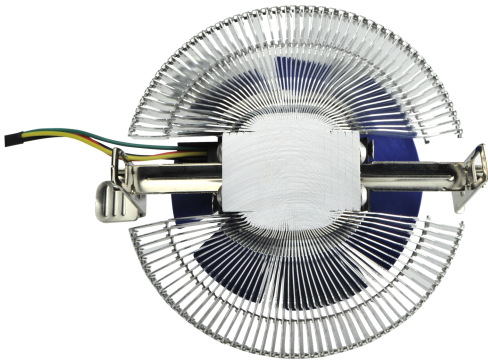
2.1 Cooler images



Picture 1 : Full view

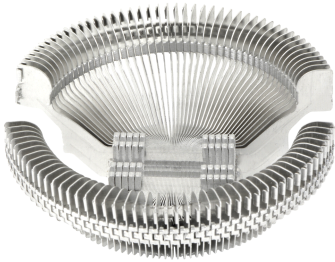


Picture 2 : Top view

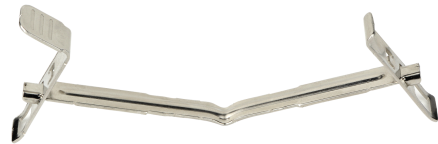


Picture 3 : Base view

2.2 Components images



Picture 1 :Heat sink



Picture 2: AM2 clip



Picture 3: Bracket



Picture 4: Fan



Picture 5: 4 Pin PWM(2510)



Picture6: Fan Label



3. Features and Specifications:

Main features:

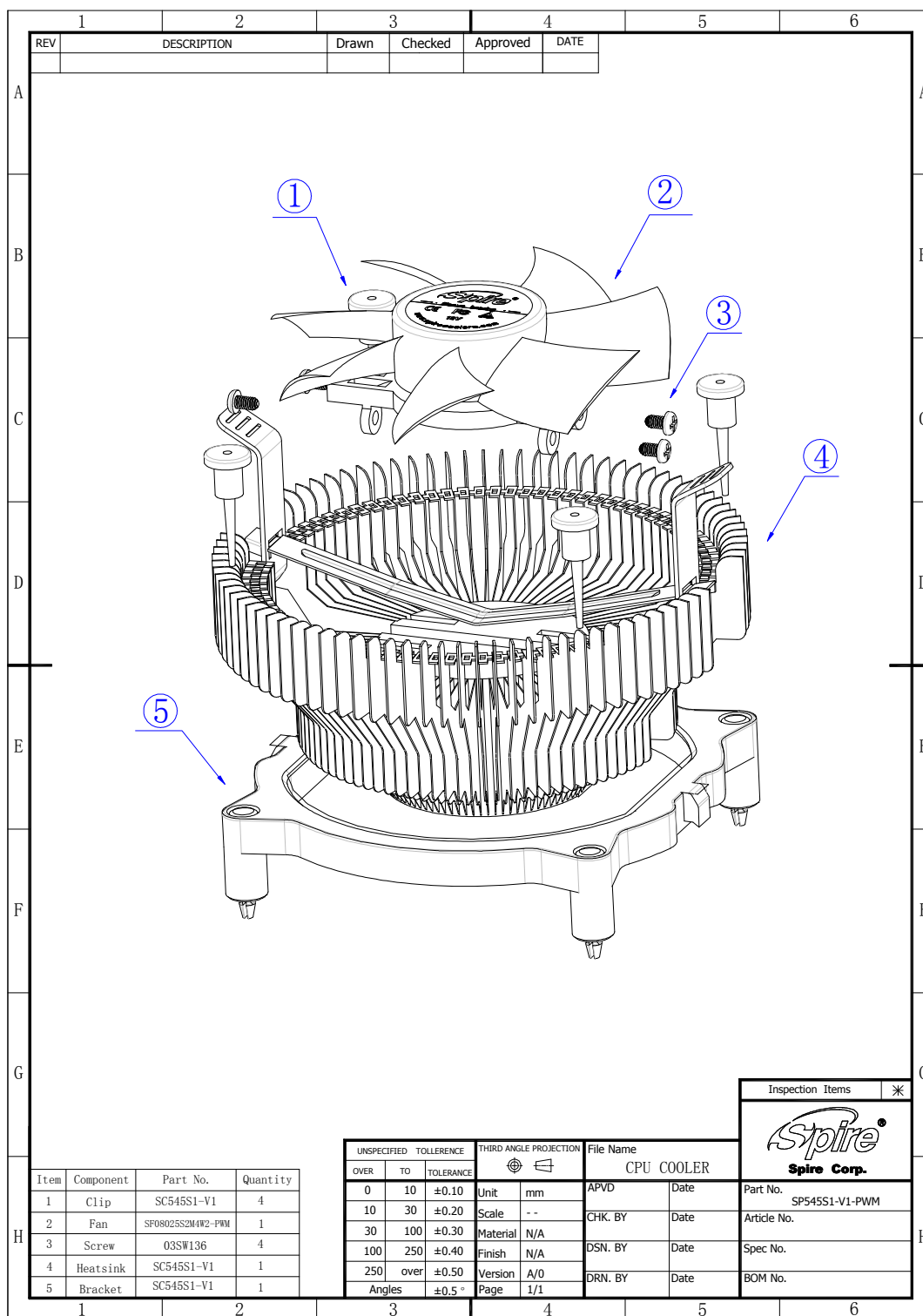
This thermal solution is intended for use on Intel or AMD, This document is a specification for defining this thermal solution.

Specifications:

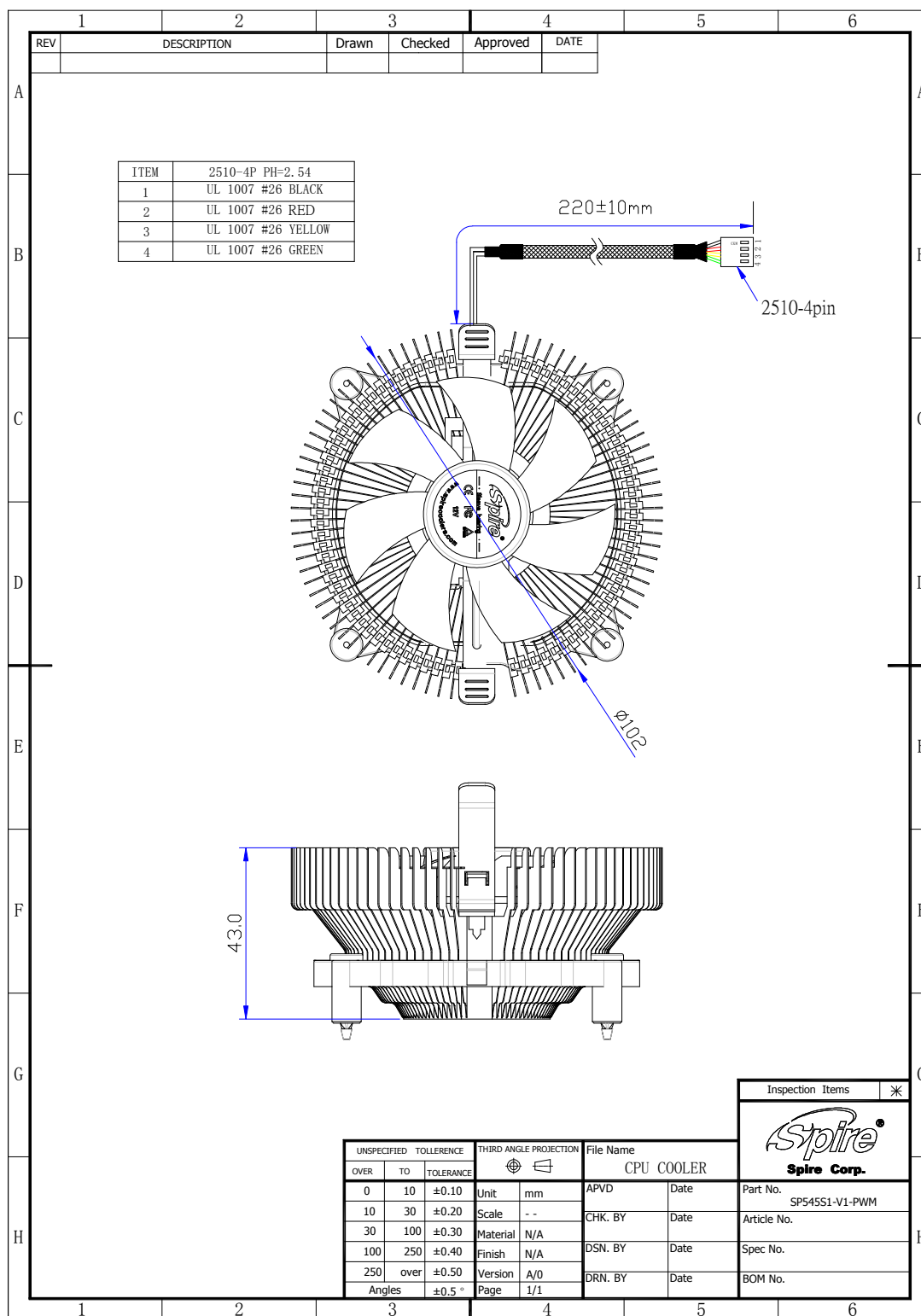
Dimensions	Heat sink : Ø102X43 mm	
	12VDC Fan : Ø80X25 mm	
Material	AL	
Bearing	Sleeve Bearing	
Rated speed	Cooler	600~2200 RPM +/-10%
	Single fan	600~2200 RPM +/-10%
Rated power	1.44 W	
Noise level	10.0~24.0 dBA	
Air flow	26.57 CFM Max.	
Current(MAX)	0.12A	
Life hours	Sleeve: 30,000	
Connector	4 pin PWM(2510)	
Application	Intel LGA775//1155/1156	
	AMD AM2/AM3/FM1	
TDP(Watt)	65W	
Thermal resistance	0.315°C/W	
Thermal type	Stars-420	
weight	224g(Cooler only)	

4. Product Drawing

4.1 Assembly Drawing



4.2 Cooler





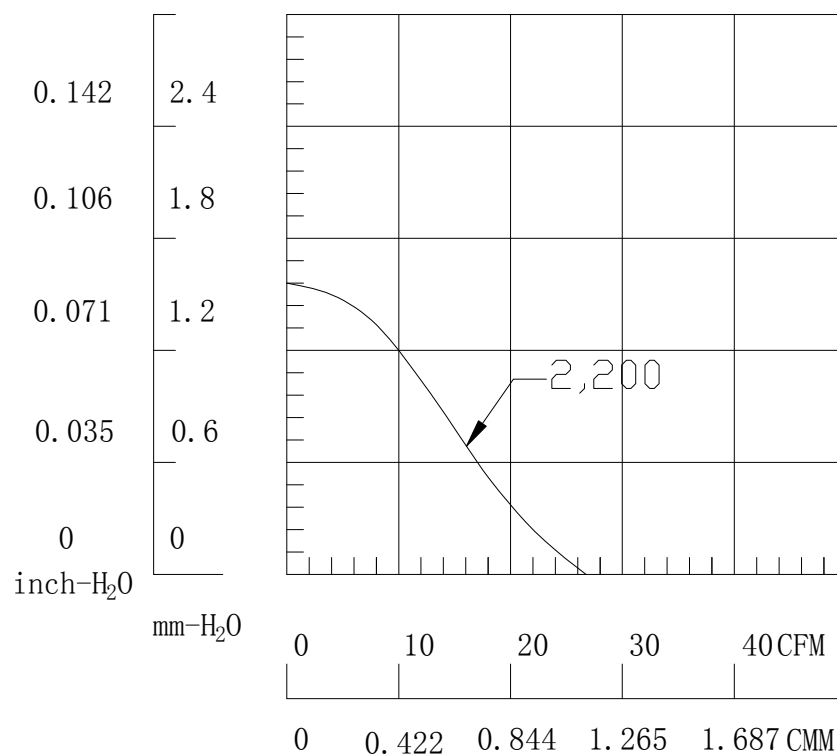
5. Fan Specification:

FAN MODEL: SF08025S2M4W2-PWM

1) Rated Voltage	: 12VDC
2) Operating Voltage Range	: 10.2 ~13.8VDC
3) Rated Speed(Single fan)	: 600~2200RPM ±10%
4) Static Pressure	: 1.53 mm-H ₂ O
5) Air Flow	: 26.57CFM Max.
6) Rated Current(max)	: 0.12 A
7) Rated Power	: 1.44WATTS
8) Noise Level	: 10.0~24.0 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(2510)
13) Weight	: 45 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	