



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP556S0-PWM

ENGINEER NO: SC556S0-095-BH4W2-PWM



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Approval Sheet Revisement Record

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1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Heatsink	01CA512AW	1	AL+Cu
2	Screw	03SW040/085	4	Steel
3	spring	03SG003	4	Steel
4	Ring	03OR006	4	Steel
5	Black Plate	1000000502	4	PPS
6	Fan	SF09025SBH4W2-PWM	1	Plastic

2. Multi views and images

2.1 Cooler images



Picture 1 : Full view

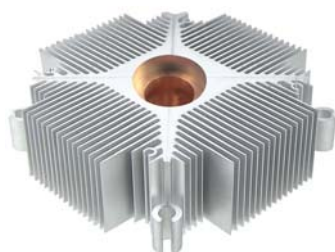


Picture 2 : Top view



Picture 3 : Base view

2.2 Components images



Picture 1 : Heatsink



Picture 2: Screw



Picture 3: Spring



Picture 4: Ring



Picture 5: Bracket



Picture 6: Fan



Picture 7: Fan Label



Picture 8: 4 pin connector



3. Features and Specifications:

Main features:

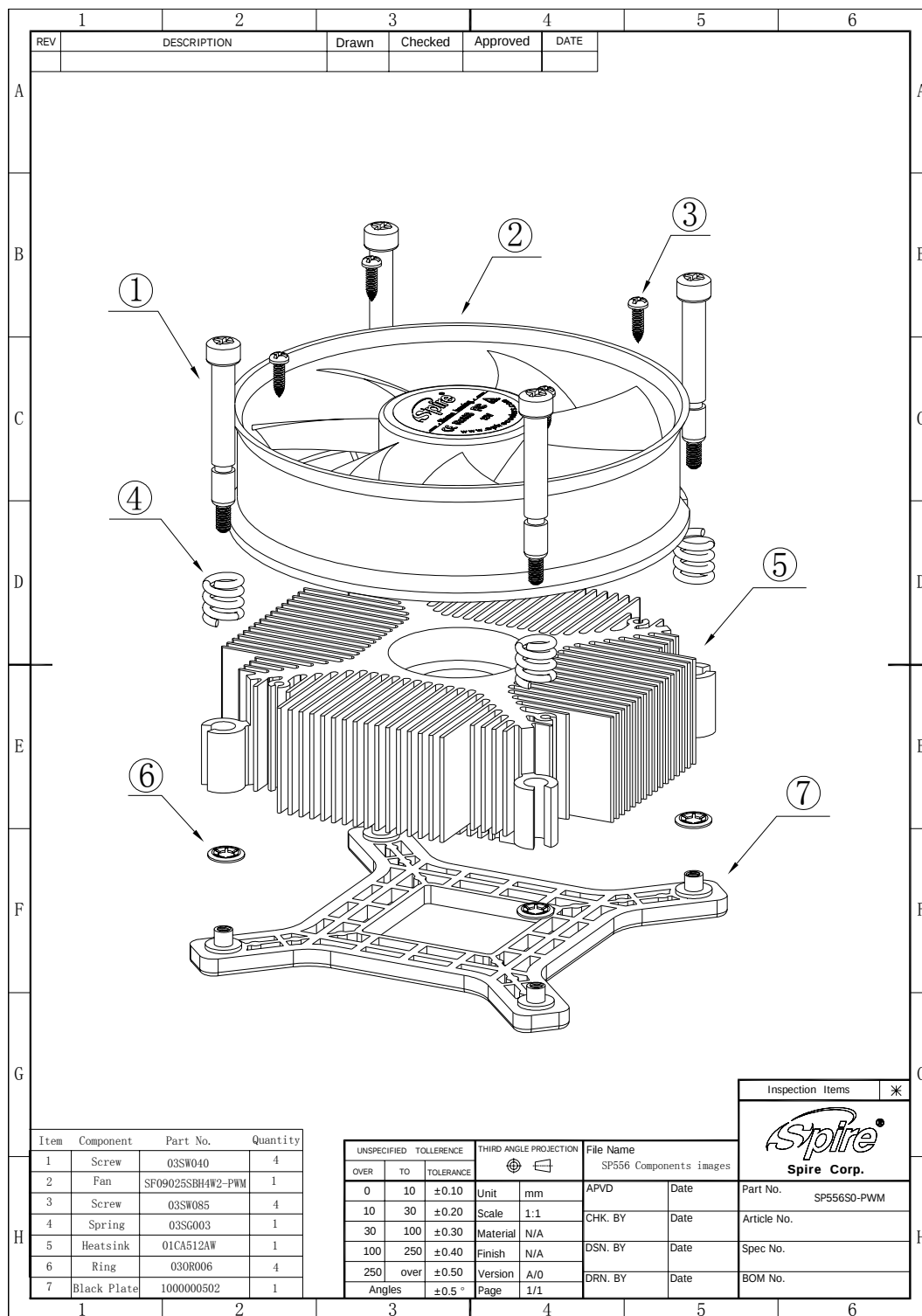
- Supports all new Intel LGA 775 micro-processors
- Ø95X25 mm Sleeve bearing fan for silent operation
- Extruded heat-sink with massive copper-core for optimal heat conductivity

Specifications:

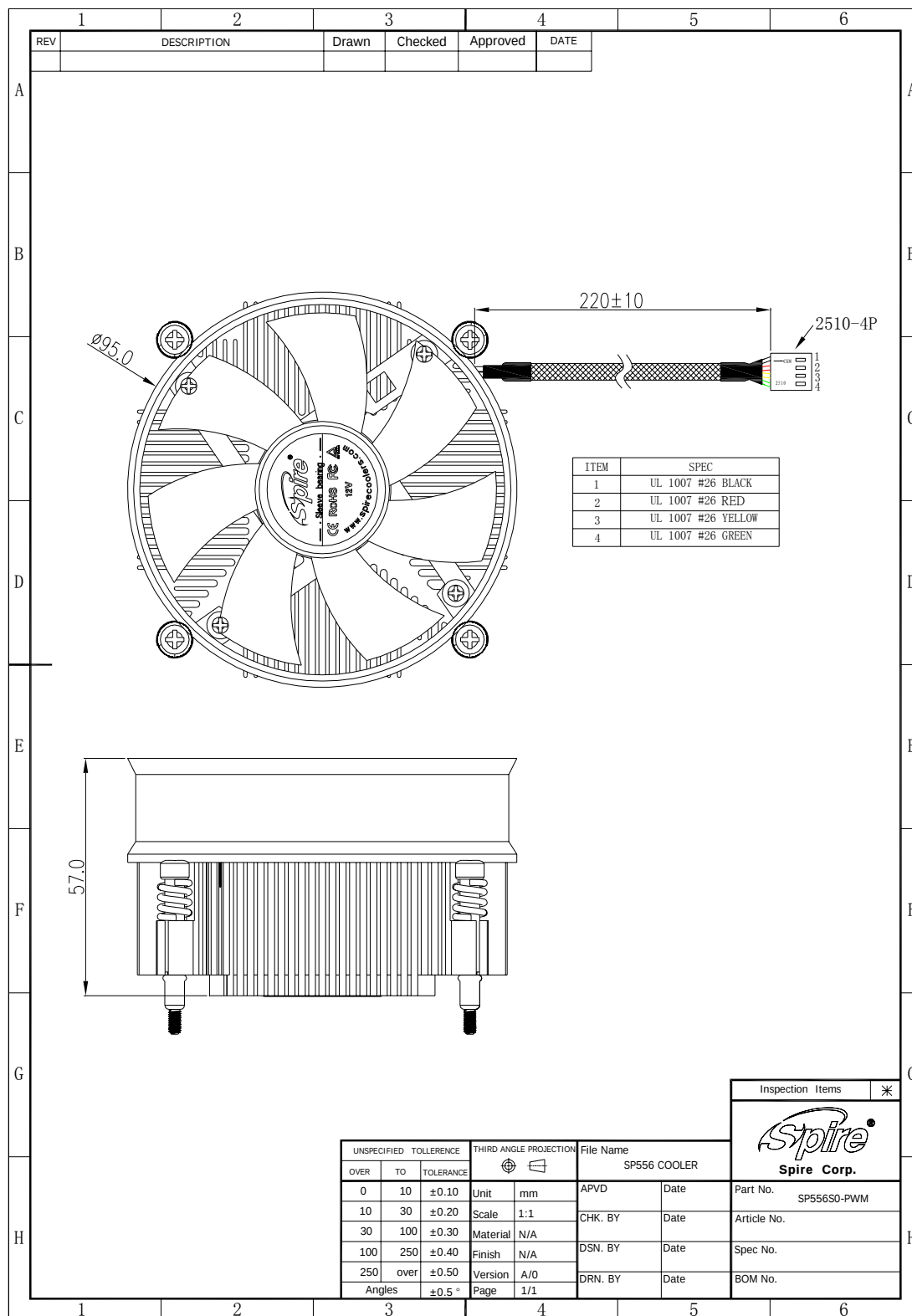
Dimensions	Heat sink : 92*92*32mm	
	12VDC Fan : Ø 95*25mm	
Bearing	Sleeve Bearing	
Rated speed	3500 RPM +/-10%(Full PWM)	
Rated power	3.0 W	
Noise level	41.1 dBAat3,500rpm/21dBAat2,000rpm	
Air flow	61.78CFM at 3,500 RPM	
Current	0.25A(Full PWM)	
Life hours	Sleeve: 30,000	
Connector	4 pin-2510	
Application	Intel LGA775 Cooler :	Celeron D ~ 2.93 GHz (340J) Core 2 Duo ~ 3 GHz (775 Dual-core) Core 2 Quad~2.66GHz (775Quad-core) Core Duo ~ 2.33 GHz (775 Dual-core) Pentium 4 ~ 3.73 GHz (775 Prescott)
Thermal resistance	0.312°C/W@3500 RPM	
TDP(Watt)	95W-115W	
Thermal type	Stars-420 white grease (Tube included)	
weight	412g(Cooler only)	

4. Product Drawing

4.1 Assembly Drawing



4.2 Cooler



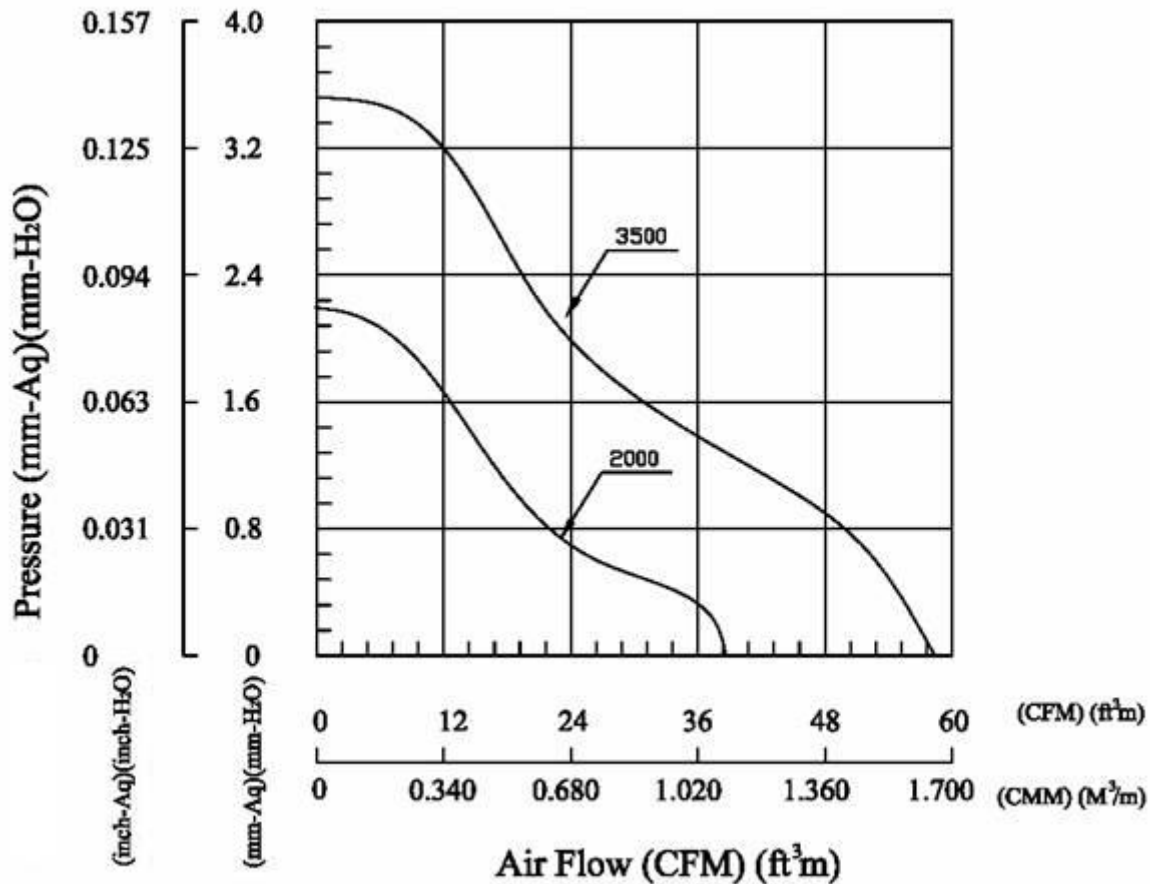


5. Fan Specification:

FAN MODEL: SF09025SRH4W2-PWM

1. Rated Voltage	: 12VDC
2. Operating Voltage Range	: 10.2 ~13.8VDC
3. Max Rated Speed	: 3500RPM $\pm$ 10%(Full PWM)
4. Max Static Pressure	: 4.04 mm-H ₂ O(Full PWM)
5. Max Air Flow	: 61.78 CFM at 3,500 RPM
6. Max Rated Current	: 0.25 AMP(Full PWM)
7. Max Rated Power	: 3 W(Full PWM)
8. Max Noise Level	: 41.1 dBA at 3500rpm/21dBA at 2000rpm
9. Operating Temperature	: -10 to 70 Deg. C
10. Storage Temperature	: -40 to 70 Deg. C
11. Bearing System	: Sleeve Bearing
12. Life hours	: 30,000
13. Connector	: 4 pin-2510
14. Weight	: 64 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	2008-3-28/FAN
5	TUV	R50131773	www.sz.chn.tuv.com	