



APPROVAL SHEET

CPU Coolers

SALES MODEL NO: SP601S7

ENGINEER NO: SC601S7



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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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1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Heatsink	01AL601AW1	1	AL 6063
2	Push pin	10SW003-1	4	Plastic
3	Fan	SF09025SRM302-3	1	Plastic



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2. Multi views and images

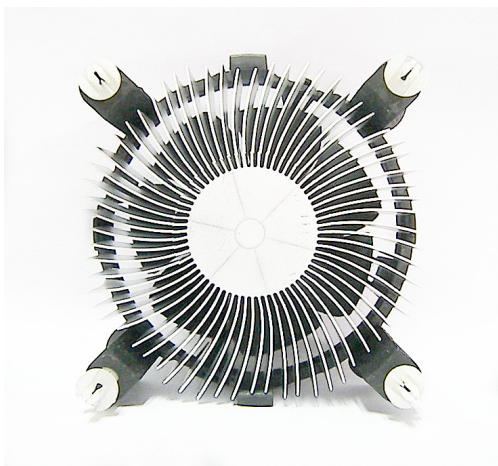
2.1 Cooler images



Picture 1 : Full view



Picture 2 : Top view



Picture 3 : Base view

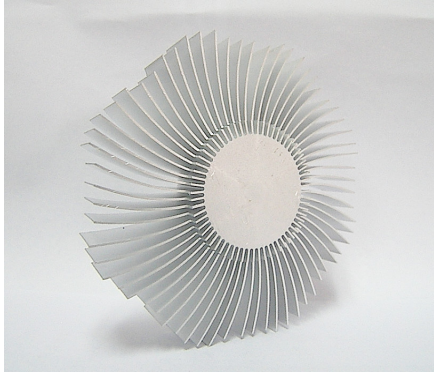


Picture 4 : Right view



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2.2 Components images



Picture 1 : Heatsink



Picture 2: Fan



Picture 3: Push-Pin



Picture4: Fan Label



Picture 5: 3pin (2510)



3. Features and Specifications:

Main features:

Supports all new Intel LGA775/1155/1156 micro-processors

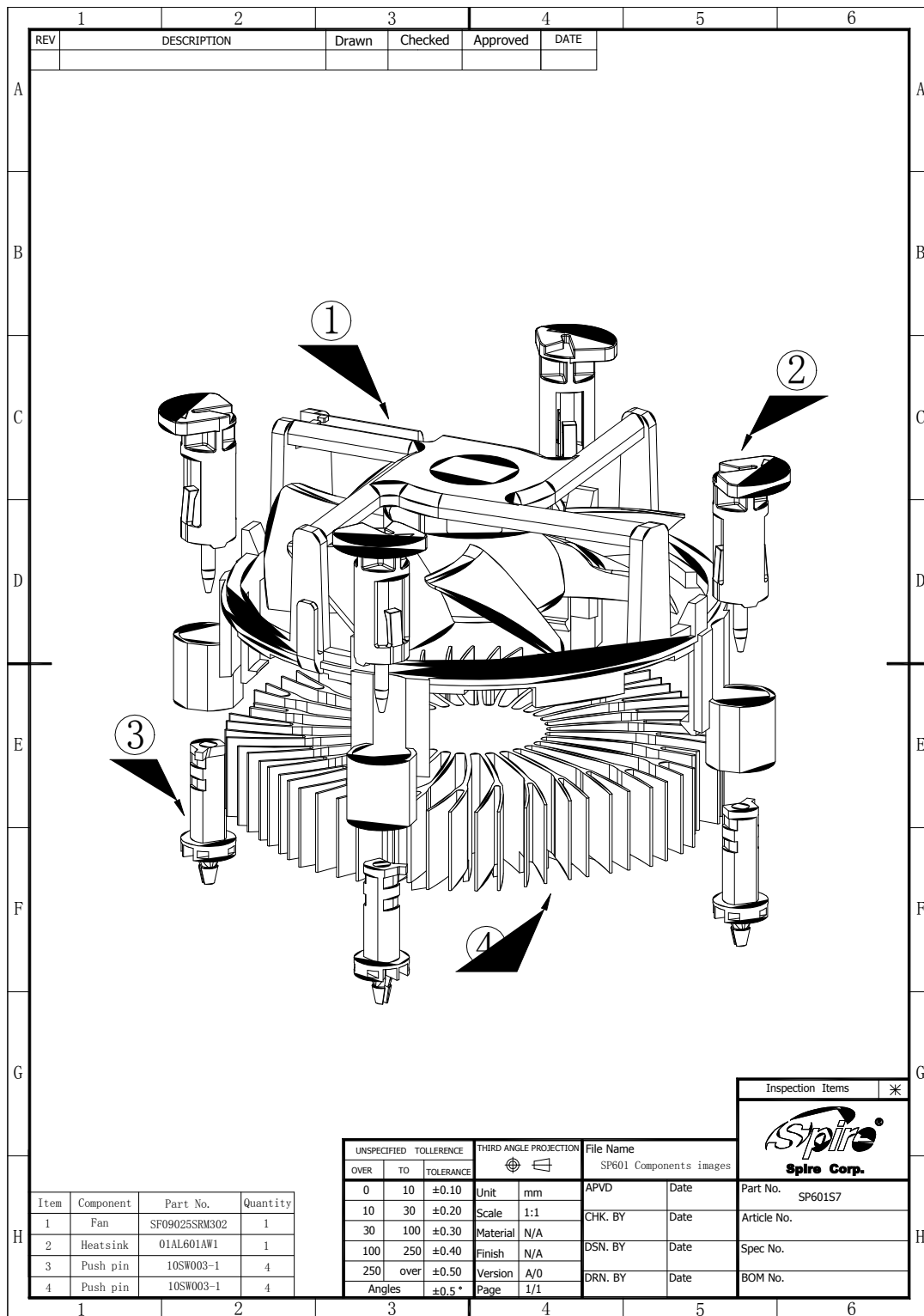
Ø 90x25mm Sleeve bearing fan for silent operation

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

Specifications:

Dimensions	Heat sink : Ø 93*93*19.5mm	
	12VDC Fan : Ø 90*25mm	
Material	AL	
Bearing	Sleeve Bearing	
Rated speed	Cooler	2500 RPM +/-10%
	Single fan	2400 RPM +/-10%
Rated power	3.6W	
Noise level	25.0 dBA	
Air flow	40.9 CFM	
Current(MAX)	0.3A	
Life hours	Sleeve: 30,000	
Connector	3 pin(2510)	
Application	Intel LGA 775/1155/1156 Cooler :	
TDP(Watt)	65W	
Thermal resistance	0.386°C/W	
Thermal type	Stars-350 white grease (pre-applied)	
weight	153g(Cooler only)	

4.1 Assembly Drawing



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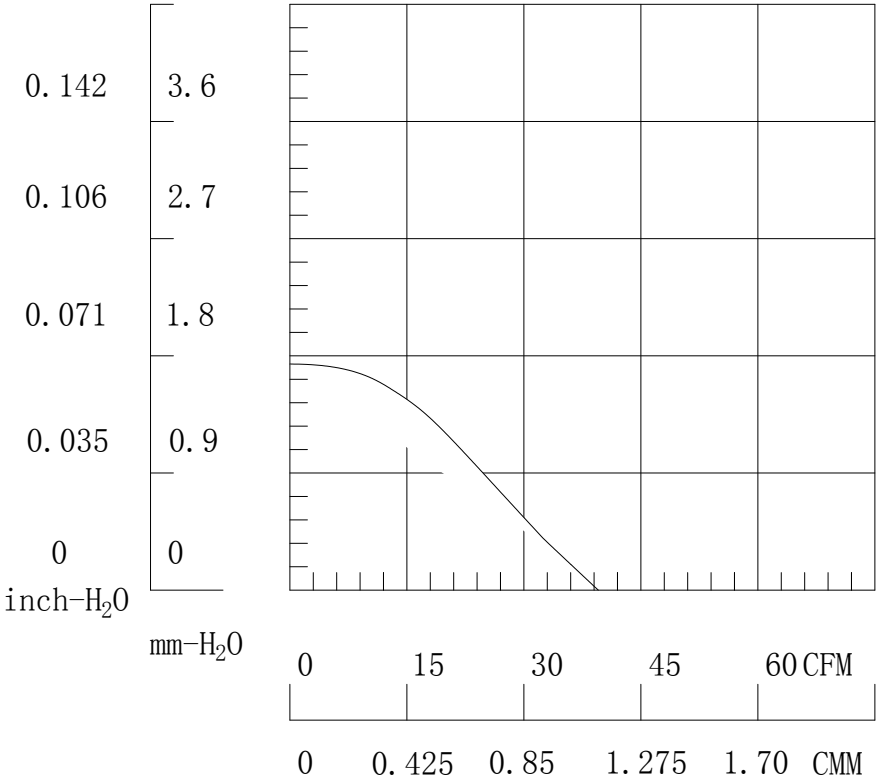
FAN MODEL: SF03025SRM302-3

1) Rated Voltage	: 12VDC
2) Operating Voltage Range	: 10.2 ~13.8VDC
3) Rated Speed(Only fan)	: 2400RPM $\pm$ 10%
4) Static Pressure	: 1.7 mm-H ₂ O
5) Air Flow	: 40.9CFM
6) Rated Current(max)	: 0.3 A
7) Rated Power	: 3.6WATTS
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	: 3 pin(2510)
13) Weight	: 56.0 g



6. P&Q Characteristic curves

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7. Cumulative Certification compliance

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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	