



APPROVAL SHEET

SALES MODEL NO: SP-456/1g

ENGINEER NO: SC-456



Article No. : SP-AP-SC-A274 Issue Date : Dec. 7, 2009 Version : A/0	Audited by
Checked by	Drafted by

Spire Corp.

Tel.: +86-755-26801568 Fax: +86-755-26801561

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



Spire Corp.

Approval Sheet Revisement Record

SALES MODEL NO: SP-456/1g

ENGINEER NO: SC-456

Article No: SP-AP-SC-A274

Version	Revised Chapter	Description	Revised Date	Drafted by	Audited by	ECN No.
A/0	N/A	First Version	2009-12-7			N/A



Contents

1. Main Components List.....	3
2. Multi views and images.....	4
3. Specifications	7



1. Main Components List

Item	Components	Part No.	Quantity	Material
1	Tube grease	06GRSC016	1	

2. Multi views and images

2.1 Cooler images



Picture 1 : Front view



Picture 2 : Back view



3. Specifications:

Thermal Impedance:	$<0.067\text{CW-in}^2/\text{W}$
Thermal Conductivity	$>3.8\text{W/m-K}$
Colors	Silver Grey
Dimensions Injection tube :	51*20*12mm (w*l*h)
G.W. Weight	1 Gram
Specific Gravity	>2.8
Bleed	$<0.05\%$
Dialectric Constant	>5.1
Evaporation:	0.001%
Application Thermal grease can be used on the rear side of the heatsink Certifications ROHS	
temperature of heating resist instantaneous	-50~240℃
Operation Temperture	-30~180℃