



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Engineering Sample Specifications

CUSTOMER : Philips Lighting
DESCRIPTION : LED Cooling Module
DIMENSIONS : $\varnothing 86 \times 52.4$ mm
MODEL : TA004-10003
P/N :

ENGINEER	Hour Alankuo	APPROVAL	Terry
SSR NO.	S1001199-0	IS SUE DATE	11. 18. 2010
建準電機工業股份有限公司 SUNONWEALTH ELECTRIC MACHINE INDUSTRY CO., LTD TEL:886-7-7163069(41 LINES) FAX:886-7-7163086/87/88 WEB PAGE : http : //www.sunon.com.tw			

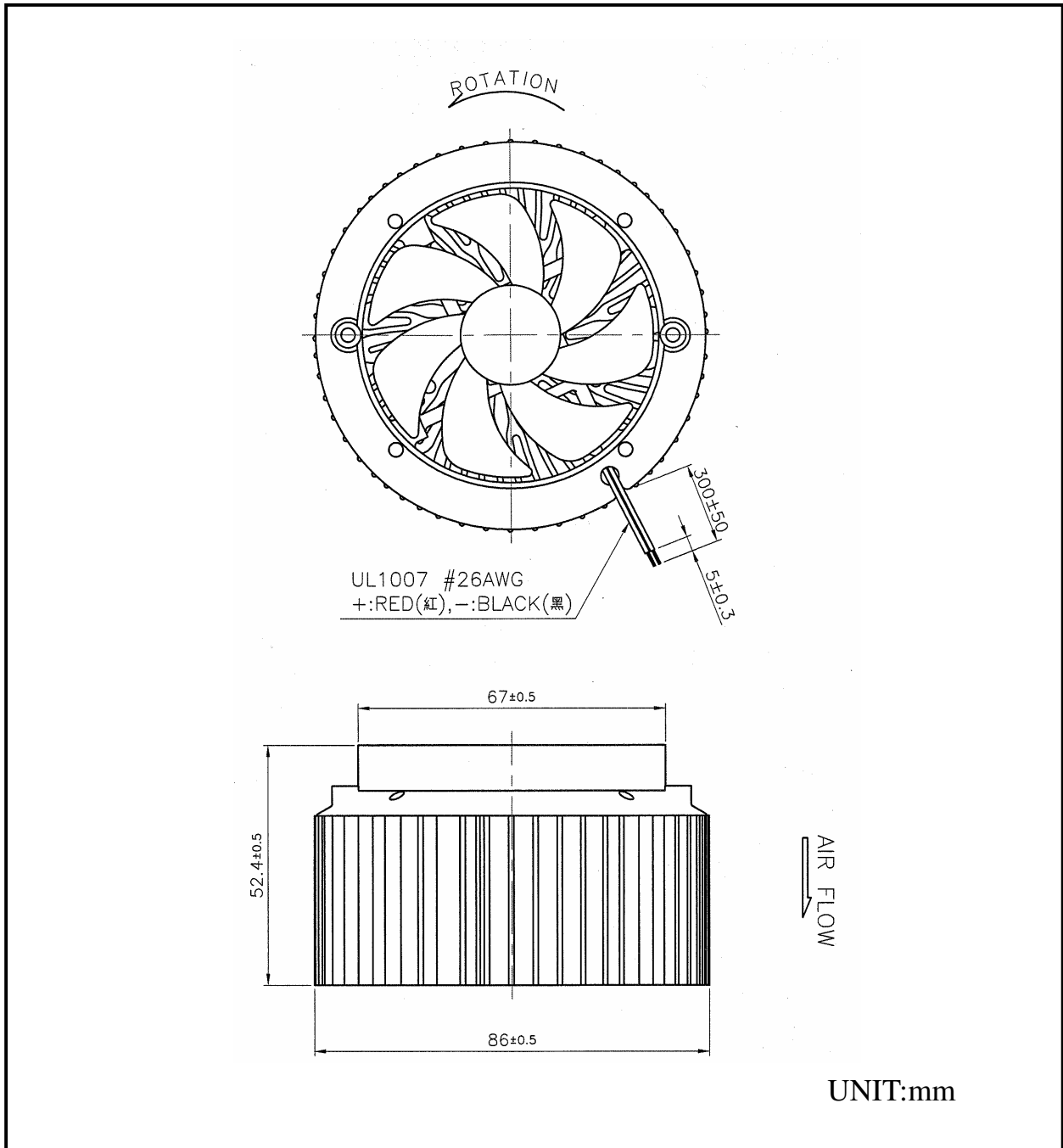
1. Construction

MOTOR DESIGN	DC Brushless motor design
BEARING SYSTEM	Vapo bearing system
DIMENSIONS	See Page 3
MATERIALS OF HOUSING	Thermoplastic PBT of UL 94V-0
MATERIALS OF FAN BLADE	Thermoplastic PBT of UL 94V-0
DIRECTION OF ROTATION	Counter-clockwise viewed from front of fan blade
Tolerance	±20% on rated power and current.
WEIGHT	232 g

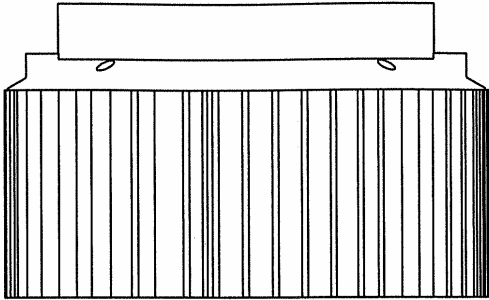
2. Rating

RATED VOLTAGE	12 VDC
STARTING VOLTAGE	6.5 VDC (25 deg. C POWER ON/OFF)
OPERATING VOLTAGE RANGE	6.5-13.8 VDC
RATED CURRENT	34 mA
RATED POWER CONSUMPTION	0.41 WATTS
ACOUSTIC NOISE	16.6 dB(A) @1M
RATED SPEED	2200 RPM ± 10% (Fan+Sink)
OPERATING TEMPERATURE RANGE	-10 to + 70 deg.C
STORAGE TEMPERATURE RANGE	-40 to + 70 deg.C
THERMAL RESISTANCE	0.52 °C/Watts

3. Dimensions

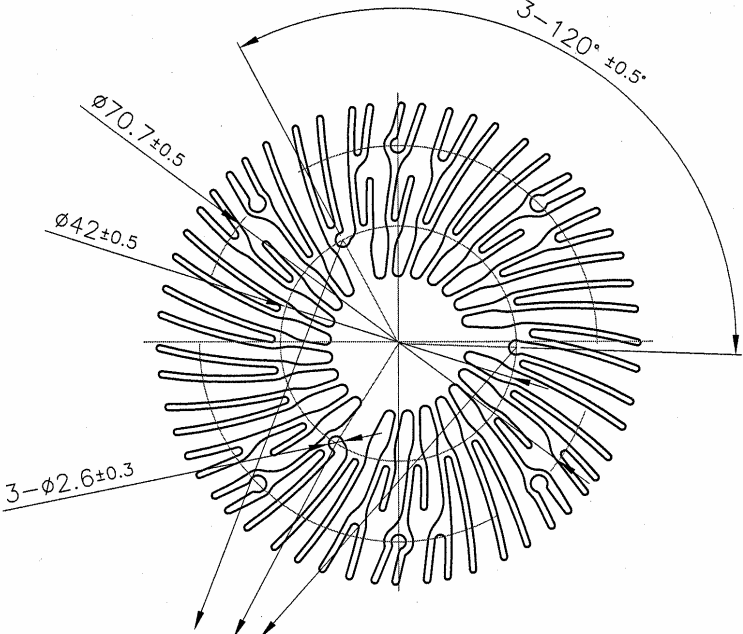


3-1. Dimensions



↑
LED Module

Assembly direction of customer's LED Module



Screw torque max 16kgf.cm
Using M3*10mm Tapping Screw

UNIT:mm