



热电半导体(致冷片)

热电致冷器

详细产品规格—请点击cn.100y.com.tw



致冷特点

1. 无噪音、无磨损、运行可靠、维护方便。
2. 冷却速度快，其冷却速度可通过调节工作电流来控制，便于手动和自动控制。
3. 体积小、重量轻，可大大节约建筑面积。
4. 可通过改电流的方向达冷却和加热的两种目的。
5. 不使用制冷剂，不污染环境。



产品性 及使用规范：

半导体致冷器件全部采用了美国公司防扩散阻档层技术，与国内一些厂家挂锡工艺不同。

其区别主要是该工艺既提高了致冷器件的一致性，又大大提高了致冷器件可靠性。本公司技术部在对本厂产品进行可靠性试验时，正18秒反6秒24小时连续冲击，阻值与测试前基本一样，对致冷板防腐，电耐久性试验都有较大提高，因此，华冷售出的产品在用户正确安装、组装使用条件下，其寿命在5年以上。

正确的安装、组方法如下：

1. 致冷片一面安装散热片，一面安装导热系统安装表面平面度不大于0.03mm要除去手刺、污物。
2. 致冷片与散热片和导热块接触良好，接触面须涂有一薄层导热硅脂。
3. 固定致冷片时既要使致冷片受力均匀，又要注意切勿过度。以防止瓷片开裂。

TEC1系列致冷组件使用中注意问题：

1、当采用非专用设备检验该器件时，在工作参数下，热端的温度必须低于80℃，（含改变电流方向冷端变成热端）。在热端没有散热条件下，瞬间通电进行试验，即用手触摸致冷器的两个端面，感到有一定的热感，一面稍有冷感即可。否则由于热端温度太高，极易造成器件短路或断瓷使致冷器报废。

3、致冷电偶对数及极限电压的识别方法，电偶对数即指PN结点的数量。例如：致冷器的型号为TEC1-12703，则127为致冷组件的电偶对数，0.3为允许电流值（单位安培），致冷组件的极限电压≈电偶对数0.11，例如：TEC1-12703的极限电压V=127 0.11=13.97(V)

5、为了提高致冷组件的寿命，使用前应该对致冷组件四周外露PN元件进行固化处理。方法用706单组固化橡胶，均匀地涂在致冷组件四周PN元件上，不要涂在两个端面上。所涂的橡胶24小时自然固化，固化后呈乳白色有弹性的固体。固化的目的是使致冷组件电偶与外界空气完全隔离。起防潮的作用，可提高致冷组件寿命约50%。

7、用户在没有专用仪器的情况下，可根据生产厂的说明书，测量其外型尺寸及高度，判断其性。用万用表测试致冷组件静态电阻不准确，只可供参考。

正确的使用条件如下：

1. 使用直流电源电压不得超过额定电压，电源波纹系数小于10%。
2. 电流不得超过组件的额定电流。
3. 致冷片正在工作时不得瞬间通反向电压（须在5分钟之后）。
4. 致冷片内部不得进水。
5. 致冷片周围湿度不得超过80%。

2、在一般条件下，鉴别致冷组件的极性时可致冷组件冷端朝上放置，引线端朝向人体方向，此时右侧引线即为正极通常用红色表示：左侧为负极通常用黑色，兰或白色表示，此种极性是致冷组件工作时的接线方法。需致热时，只要改变电流极性即可。致冷工作日个必须采用直流电源，电源的纹波系数应小于10%。

4、各种致冷组件不论在使用还是在试验中，冷热交换时必须待两端面恢复到室温时，（一般需要15分钟以上方可进行）。否则易造成陶瓷片炸裂。

6、在安装时，首先用无水酒精棉，将致冷组件的两端擦洗干净。均匀的涂上很薄的一层导热硅脂；安装表面（储冷板、散热板）应加工，表面平面度不大于0.03mm，并清洗干净；在安装过程中致冷组件的冷端工作面一定要与储冷板接触良好，热端应与散热板接触良好（如用螺丝紧固，用力应均匀，切勿过度）；储冷板、散热板的尺寸大小取决于冷却方法及冷却功率大小，可视：情况自行决定；为达到最佳致冷效果储冷板和散热板之间应当用隔热材料充底其厚度在25—30mm为宜。

100Y 编号	厂商编号	制造厂商	说明	L*B*H (mm)	I _{max} (A)	V _{max} (V)	T _{max} (℃)	最大产冷功率 Ocmax W	温度适用范围
10463	3020		热电致冷器 3.4Vmax 3A	20*20*4.6mm	3.4A	3.5V	62℃	7W	-150℃~+70℃
6415	4030		热电致冷器	30*30*4	4A	6V	62℃	24W	-150℃~+70℃
17841	4040		热电致冷器	40*40*4.8	4A	15.4V	>60℃	35.6W	-150℃~+70℃
6422	6040		热电致冷器	40*40*4	6A	15.4	62	50	-150℃~+70℃
23729	TEC1-01703-CN	HUALENG	热电致冷器	15*15*4.7	3.3A	1.9V	67℃		-150℃~+70℃
23733	TEC1-01709-CN	HUALENG	热电致冷器	22*22*5.6	9.0A	2.06V	70℃		-150℃~+70℃
23768	TEC1-03103-CN	HUALENG	热电致冷器	20*20*4.7	3.3A	3.5V	67℃		-150℃~+70℃
39580	TEC1-03104-CN	HUALENG							
23730	TEC1-04903-CN	HUALENG	热电致冷器	25*25*4.7	3.3A	5.6V	67℃		-150℃~+70℃
27488	TEC1-12703	HUALENG	热电致冷器	40*40	3A	15.4V		30W	
23731	TEC1-12703-CN	HUALENG	热电致冷器	40*40*4.7	3.3A	14.5V	67℃		-150℃~+70℃
27489	TEC1-12704	HUALENG	热电致冷器	40*40	4A	15.4V		33.4W	
23732	TEC1-12704-CN	HUALENG	热电致冷器	40*40*4.7	3.9A	15.4V	67℃		-150℃~+70℃
27490	TEC1-12705	HUALENG	热电致冷器	40*40	5A	15.4V		41W	
27491	TEC1-12706	HUALENG	热电致冷器	40*40	6A	15.4V		51.4W	
27481	TEC1-12708	HUALENG	热电致冷器	50*50	8A	15.4V		81W	
27482	TEC1-12708	HUALENG	热电致冷器	62*62	8A	15.4V		81W	
27492	TEC1-12708	HUALENG	热电致冷器	40*40	8A	15.4V		68.8W	
13101	TEC1-12708-50*50	HUALENG	致冷片	50*50*3.5	8.5A	13.5V	65℃	60W	-150℃~+70℃
12837	TEC1-12708-50	HUALENG	致冷板	50*50*4.8	8A	15.4V	>60	79.1W	
27484	TEC1-12709	HUALENG	热电致冷器	50*50	9A	15.4V		90W	
27485	TEC1-12710	HUALENG	热电致冷器	50*50	10A	15.4V		100W	
27486	TEC1-12712	HUALENG	热电致冷器	50*50	12A	15.4V		121W	
12838	TEC1-12712-50	HUALENG	致冷板	50*50*4	12A	15.4V	>60℃	113.1W	
27487	TEC1-12714	HUALENG	热电致冷器	50*50	14A	15.4V		141W	
27480	TEC1-2706	HUALENG	热电致冷器	50*50	6A	15.4V		81W	
27475	TEC1-4425	HUALENG	热电致冷器	50*50	25A				
27509	TEC1-7103	HUALENG	热电致冷器	30*30	3A	8.1V		16.4W	
27510	TEC1-7104	HUALENG	热电致冷器	30*30	4A	8.1V		21.7W	
27511	TEC1-7105	HUALENG	热电致冷器	30*30	5A	8.5V		22.8W	
1802	TEC1-12703-40*40	HUALENG	热电致冷器	40*40*4.6	3.4A	13.5V	62℃	30W	-150℃~+70℃
1811	TEC1-1703-15*15	HUALENG	热电致冷器	15*15*4.6	3.4A	2V	62℃	4W	-150℃~+70℃
5668	TEC1-3103-20*20	HUALENG	热电致冷器	20*20*4.6	3.4A	3.5V	62℃	7.0W	-150℃~+70℃
23769	TES1-00703-CN	HUALENG	热电致冷器	8*8*3.6	3.0A	0.85V	67℃		-150℃~+70℃
23771	TES1-01703-CN	HUALENG	热电致冷器	12*12*3.6	3.0A	2.06V	67℃		-150℃~+70℃
23734	TES1-07103-CN	HUALENG	热电致冷器	23*23*3.6	3.0A	8.6V	67℃		-150℃~+70℃
23735	TES1-12703-CN	HUALENG	热电致冷器	30*30*3.6	3.0A	15.4V	67℃		-150℃~+70℃
1803	TES1-12703-30*30	HUALENG	热电致冷器	30*30*3.8	3.4A	13.5V	62℃	28W	-150℃~+70℃
1805	TES1-7103	HUALENG	热电致冷器	30*30*4.6	3.4A	8V	62℃	18W	-150℃~+70℃



服务专线:台湾:886-3-5753170

传 真:台湾:886-3-5753172

E-mail:台湾:sale@100y.com.tw

深圳:86-755-83298787

深圳:86-755-83640655

深圳:100y@163.com

上海:86-21-34970699

上海:86-21-64605107

上海:100y-1@163.com

16-01



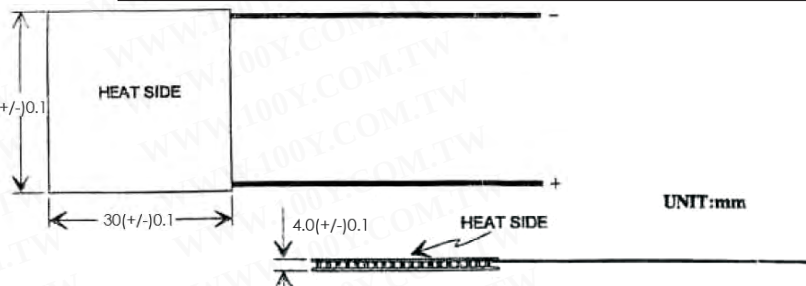
热电致冷器



HMS-S20

致冷晶片模组 3A/12V

- 电压: 12V
- 最大电压值: 最高勿超过14.2V
- 电流: 3A
- 消耗功率: 25W
- 风扇电压: 12V
- L*B*H (mm): 30*30*4.0 (晶片)
- Tmax (°C): >60°C

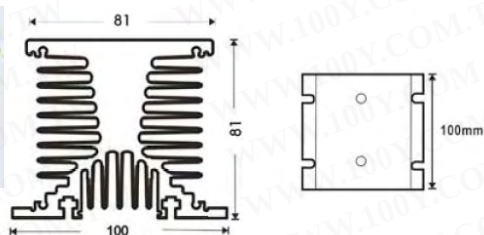


100Y 编号	厂商编号	说明	L*B*H (mm)	I _{max} (A)	V _{max} (V)	T _{max} (°C)	最大产冷功率 Oc _{max} W
37588	HMS-S20	致冷芯片模组 3A/12V	30*30*4.0 (芯片)	3A	12V	>60°C	25W

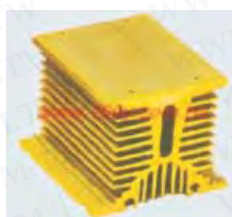
散热片+散热膏 大型高热量用散热片



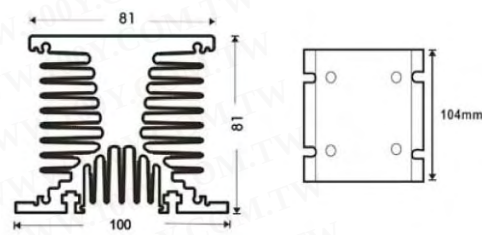
KH100-45



Model No	Kh100 SERIAL Length L(mm)	Suitable SSR
KH100-45	45	10A
KH100-70	70	25A
KH100-100	100	40A
KH100-120	120	50A
KH100-150	150	75A, 100A



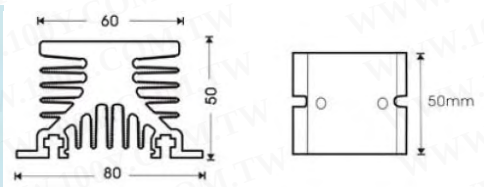
KH104-104-2 KH104-104



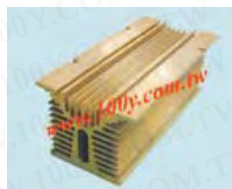
Model No	Kh104-104 For 3 phase ssr Length L(mm)	Suitable SSR
KH104-104	104	25A, 40A
KH104-120 (And Fan)	120	50A
KH104-150 (And Fan)	150	75A, 100A



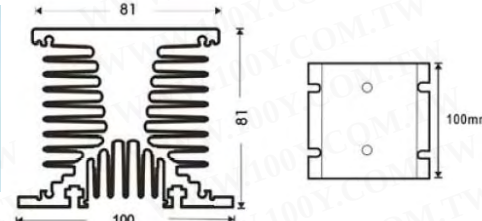
KH060-50



Model No	Kh60 SERIAL Length L(mm)	Suitable SSR
KH60-50	50	10A, 15A
KH60-80	80	25A
KH60-100	100	40A
KH60-120	120	50A
KH60-150	150	75A



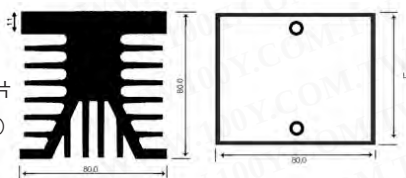
KH100-200



Model No	Kh100 SERIAL Length L(mm)	Suitable SSR
KH100-45	45	10A
KH100-70	70	25A
KH100-100	100	40A
KH100-120	120	50A
KH100-150	150	75A, 100A



KH185-100 KH185-70



25A-90A固态继电器用散热片
产品尺寸:
100 (L) x 80 (W) x 80 (H) (mm)
产品规格:
SSR用散热片100mm



KH368-300

Description 继电器散热片
Size 80*50*300

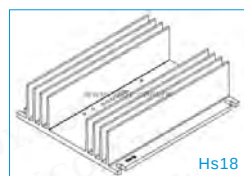
Model No	Kh100 SERIAL Length L(mm)	Suitable SSR
KH368-50	50	5A, 10A, 15A
KH368-300	300	10A

100Y 编号	厂商编号	制造厂商	说明	Size
13081	KH060-50	KYOTTO	继电器散热片	80*50*50mm
38425	KH100-200	KYOTTO	继电器散热片	80*80*200mm
28492	KH100-45	KYOTTO	继电器散热片	80*80*45mm
32029	KH104-104	KYOTTO	大型高热量用散热片	81mm*81mm
32030	KH104-104-2	KYOTTO	大型高热量用散热片	81mm*81mm
7114	KH185-100	KYOTTO	继电器散热片	80*80*100
7113	KH185-70	KYOTTO	继电器散热片	80*70*80mm
13080	KH368-300	KYOTTO	继电器散热片	80*50*300

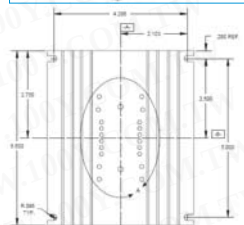




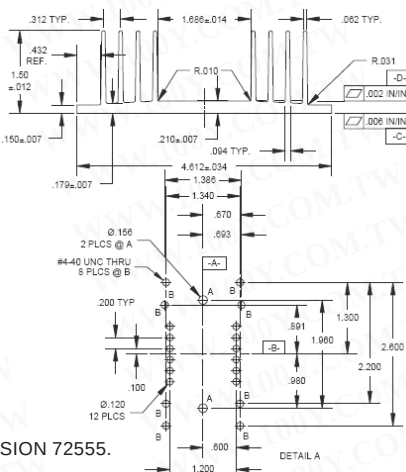
大型高热量用散热片



Hs18



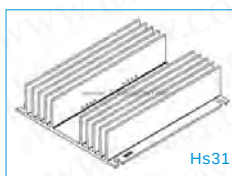
NOTES:
MADE FROM AAVID EXTRUSION 72555.
FINISH: BLACK ANODIZE
HOLE PATTERN IS HORIZONTALLY AND VERTICALLY CENTERED IN HEATSINK.
ROSA = 1°C/W



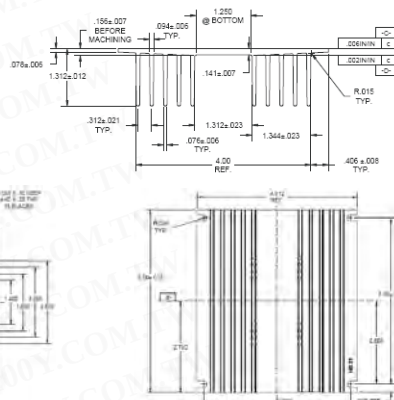
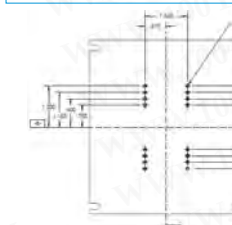
APEX

100Y 编号	厂商编号	制造厂商	说明
19993	HS18	APEX	散热片
19995	HS31	APEX	散热片

详细产品规格 - 请点击 cn.100y.com.tw

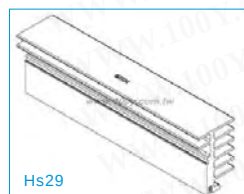


Hs31

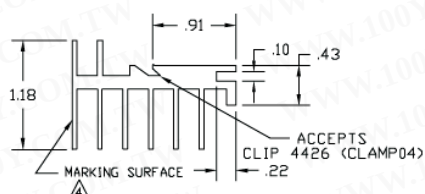


FITS PACKAGE STYLES: FC, FD, FE AND FF
STANDARD COMMERCIAL EXTRUSION TOLERANCES APPLY
REFER TO HS13 FOR EXACT DIMENSIONS
MATERIAL: ALUMINUM ALLOY
FINISH: BLACK ANODIZE
THERMAL RESISTANCE: 1.48°C/W
WEIGHT: 13.9 oz

APEX



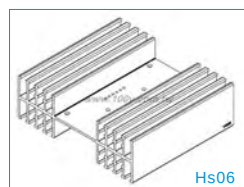
Hs29



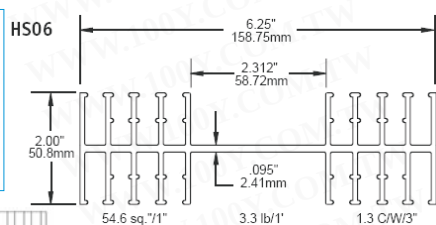
NOTES:
1. MADE FROM THERMALLOY EXTRUSION KM150-1
2. FINISH TO BE BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2.
For reference, typical breakdown volt age >300V
3. Break all sharp edges, de-burr and remove all loose chips.
4. Marking: HS29
Mark with contrasting white ink or can be stamped.
Do not mark part with rev. level
5. Unless otherwise specified, All dimensions are in inches.

APEX

100Y 编号	厂商编号	制造厂商	说明
19966	HS05	APEX	散热片
20002	HS29	APEX	散热片

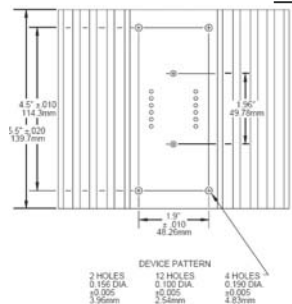


Hs06

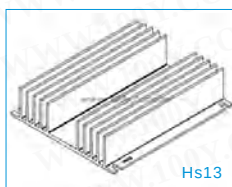


Standard Commercial
Extrusion Tolerances Apply
Material: Aluminum Alloy
Finish: Black Anodize
Thermal Resistance: $\approx .96$ C/W
Approximate Weight: 19.8 oz

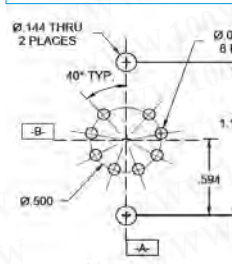
APEX



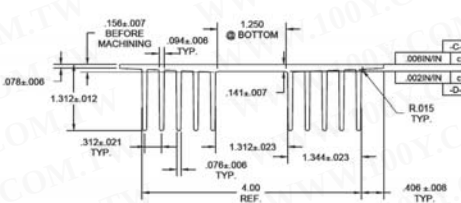
100Y 编号	厂商编号	制造厂商	说明
19967	HS06	APEX	散热片
19970	HS13	APEX	散热片



Hs13



DETAIL A
SCALE: 2X

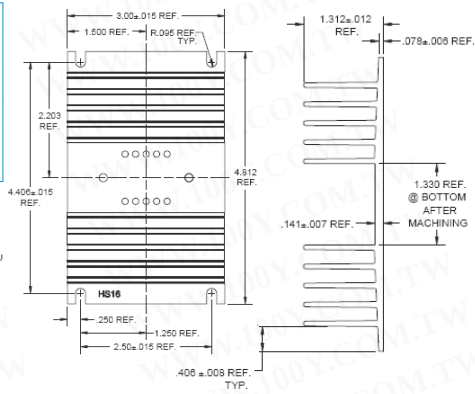
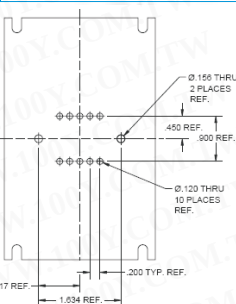
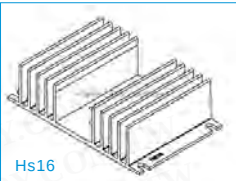


FITS PACKAGE STYLE CE
STANDARD COMMERCIAL EXTRUSION TOLERANCES APPLY
REFER TO HS13 FOR EXACT DIMENSIONS
MATERIAL: ALUMINUM ALLOY
FINISH: BLACK ANODIZE
THERMAL RESISTANCE: 1.48°C/W
WEIGHT: 13.9 oz

APEX

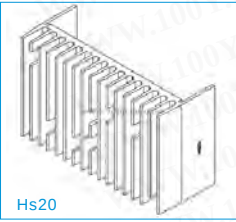


大型高热量用散热片

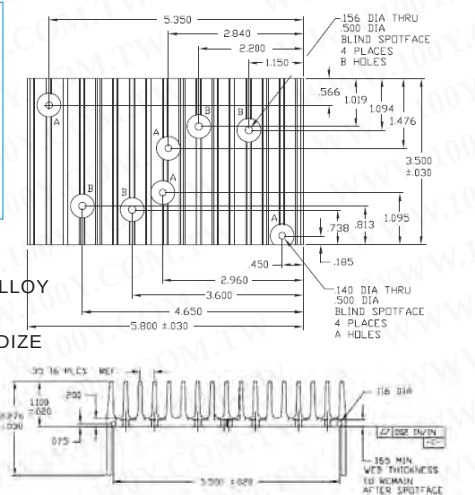


- FITS PACKAGE STYLE: DES
- TANDARD COMMERCIAL EXTRUSION TOLERANCES APPLY
- REFER TO HS16 FOR EXACT DIMENSIONS
- MATERIAL: ALUMINUM ALLOY
- FINISH: BLACK ANODIZE
- THERMAL RESISTANCE: 2°C/W
- WEIGHT: 7.6 oz

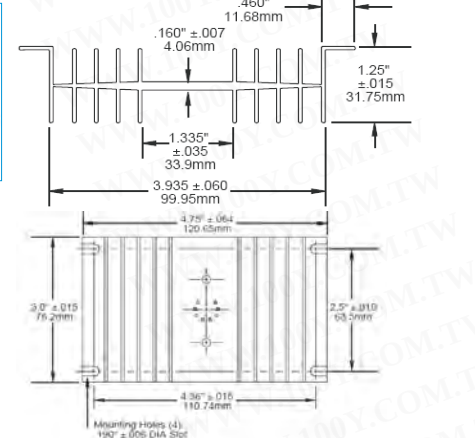
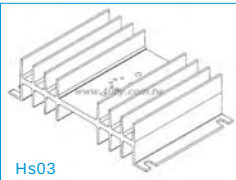
100Y 编号	厂商编号	制造厂商	说明
19991	HS14	APEX	散热片
19992	HS16	APEX	散热片



- NOTES:
1. MADE FROM THERMALLOY EXTRUSION 15210
 2. FINISH IS BLACK ANODIZE
 3. R θ SA = 1.3° C/W

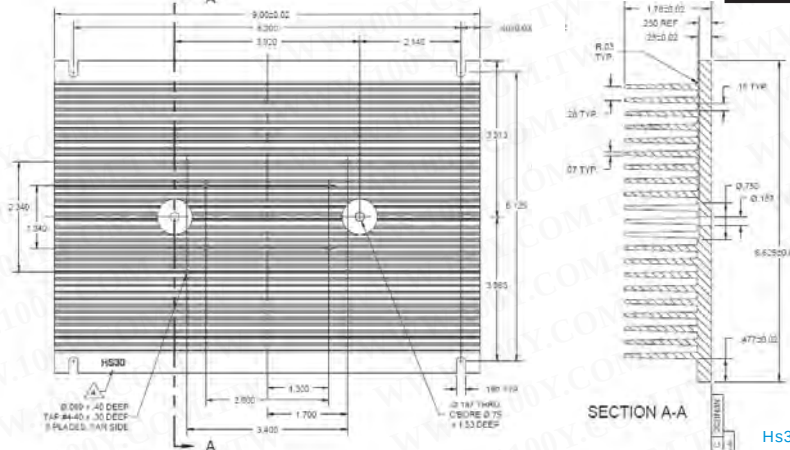


100Y 编号	厂商编号	制造厂商	说明
19994	HS20	APEX	散热片
19999	HS26	APEX	散热片



100Y 编号	厂商编号	制造厂商	说明
19965	HS03	APEX	散热片
19969	HS11	APEX	散热片

大型高热量用散热片



详细产品规格 - 请点击 cn.100y.com.tw

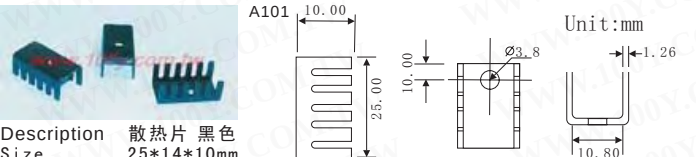
- NOTES:
1. MADE FROM AAVID EXTRUSION 69800.
 2. FINISH TO BE BLACK ANODIZE PER MIL-A-8625, TYPE II, CLASS 2. FOR REFERENCE, TYPICAL BREAKDOWN VOLTAGE >300V.
 3. BREAK ALL SHARP EDGES, DE-BURR AND REMOVE ALL LOOSE CHIPS.
 4. MARK WITH CONTRASTING INK "HS30" IF SPECIFIED BY PURCHASE ORDER. DO NOT MARK PART WITH REV. LEVEL.
 5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.
 6. TOLERANCES - UNLESS .XX = ±.015 OTHERWISE SPECIFIED .XXX = ±.005 ANG. = ±.5°
 7. RØSA = 0.5°C/W
 8. WEIGHT: 4 lbs 9 oz (2.06 kg)



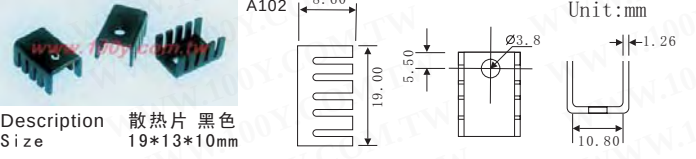
100Y 编号 20003	厂商编号 HS30	制造厂商 APEX	说明 散热片
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单体式散热片

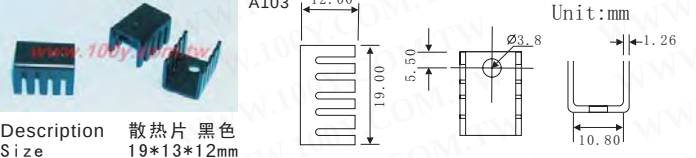
详细产品规格 - 请点击 cn.100y.com.tw



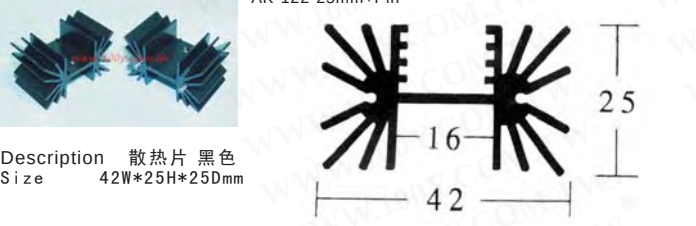
Description 散热片 黑色
Size 25*14*10mm



Description 散热片 黑色
Size 19*13*10mm



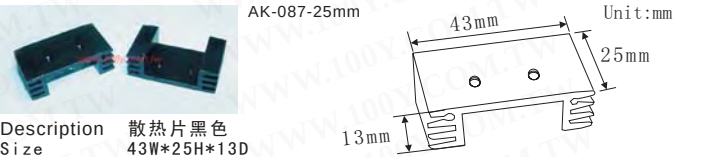
Description 散热片 黑色
Size 19*13*12mm



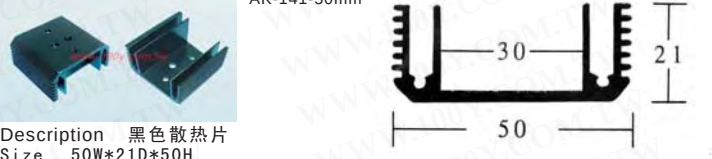
Description 散热片 黑色
Size 42W*25H*25Dmm



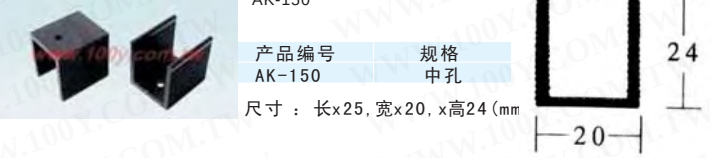
Description CPU散热片+SEKISUI #5760导热胶(双面)
Size 45W*45H*9D



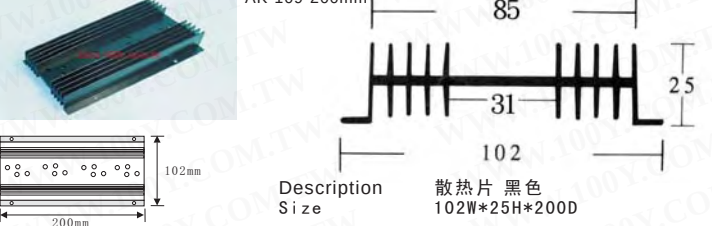
Description 散热片黑色
Size 43W*25H*13D



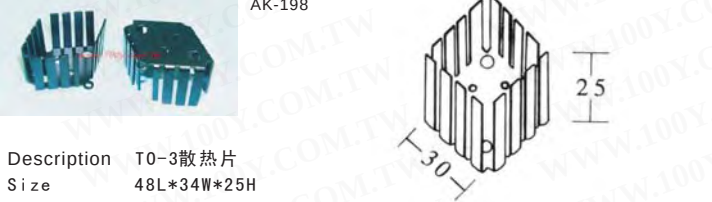
Description 黑色散热片
Size 50W*21D*50H



Description 黑色散热片
Size 102W*25H*200D



Description T0-3散热片
Size 48L*34W*25H



100Y 编号	厂商编号	说明	尺寸
11443	45*45	CPU 散热片+SEKISUI #5760 导热胶(双面)	45W*45H*9D
16971	A101	散热片 黑色	25*14*10mm
16970	A102	散热片 黑色	19*13*10mm
16969	A103	散热片 黑色	19*13*12mm
8354	AK-087-25mm	散热片 黑色	43W*25H*13D
1748	AK-109-200mm	散热片 黑色	102W*25H*200D
1756	AK-122-25mm+Pin	散热片 黑色	42W*25H*25Dmm
5991	AK-141-50mm	黑色散热片	50W*21D*50H
1751	AK-150	黑色散热片	20W*24H*25D
1749	AK-198	T0-3 散热片	48L*34W*25H



单体式散热器

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U-22

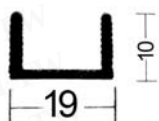
产品编号

U-22

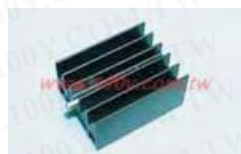
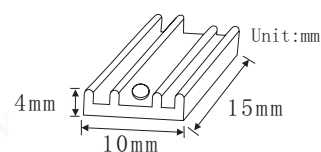
规格

中孔

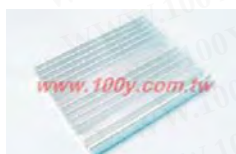
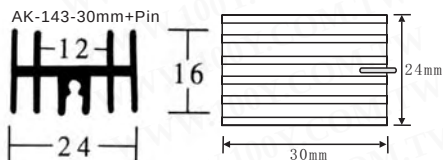
尺寸：长x20,宽x19,x高10 (mm)



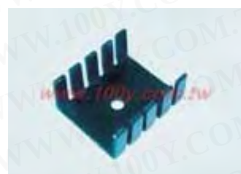
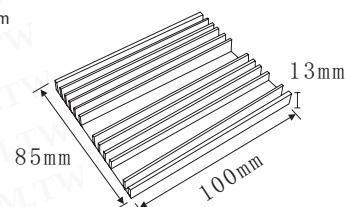
A26

Description
Size散热片 白色
15*10*4mm

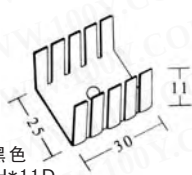
AK-143-30mm+Pin

Description
Size散热片 黑色+Pin
24W*16D*30H

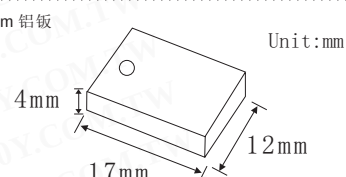
AK-035-100mm

Description
Size散热片 白色
85W*13H*100Dmm

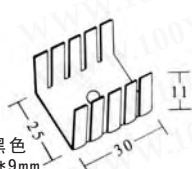
AK-199

Description
Size散热片 黑色
25W*30H*11D

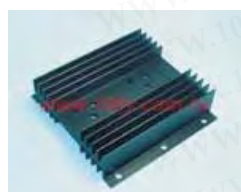
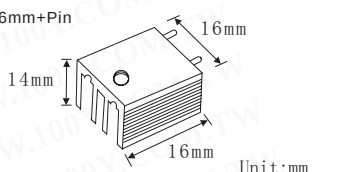
12*17*4mm 铝钣

Description
Size散热片 铝钣 白色
12*17*4mm

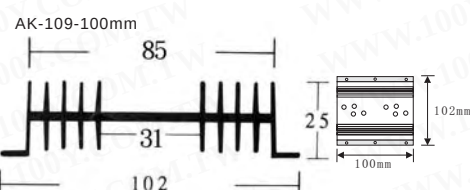
AK-199(小)

Description
Size散热片 黑色
19*19.5*9mm

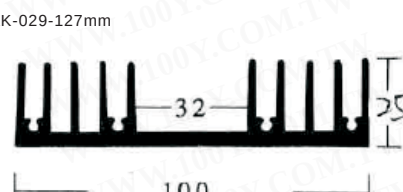
AK-094-16mm+Pin

Description
Size散热片 白色
16*16*14mm

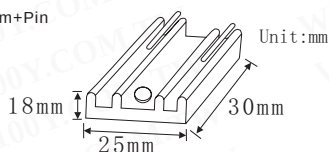
AK-109-100mm

Description
Size散热片 黑色
102W*25H*100D

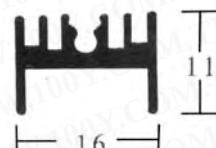
AK-029-127mm

Description
Size散热片
100W*25H*127mmD

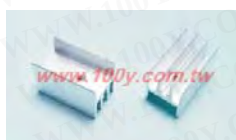
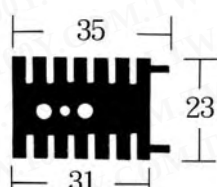
AK-146-30mm+Pin

Description
Size散热片 白色
24W*16D*30H

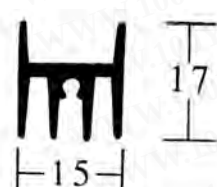
AK-152-20mm

Description
Size散热片 白色
20*15*10mm

AK-197

Description
Size散热片 鱼骨铜-平
31H*23W

AK-147-25mm

Description
Size散热片 白色
25*14.5*17mm

100Y 编号	厂商编号	说明	尺寸
16968	12*17*4mm 铝钣	散热片 铝钣 白色	12*17*4mm
16967	A26	散热片 白色	15*10*4mm
36355	AK-029-127mm	散热片	100W*25H*127mmD
1746	AK-035-100mm	散热片 白色	85W*13H*100Dmm
16965	AK-094-16mm+Pin	散热片 白色	16*16*14mm
1747	AK-109-100mm	散热片 黑色	102W*25H*100D
1758	AK-143-30mm+Pin	散热片 黑色+Pin	24W*16D*30H
16966	AK-146-30mm+Pin	散热片 白色	30*25*18mm
16964	AK-147-25mm	散热片 白色	25*14.5*17mm
16963	AK-152-20mm	散热片 白色	20*15*10mm
1753	AK-197	散热片 鱼骨铜-平	31H*23W
1754	AK-199	散热片	25W*30H*11D
16960	AK-199(小)	散热片 黑色	19*19.5*9mm
1757	U-22	黑色散热片	20H*19W*10Dmm



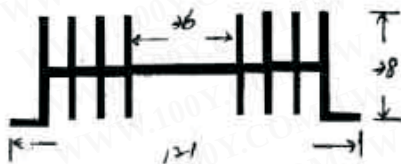


单体式散热器

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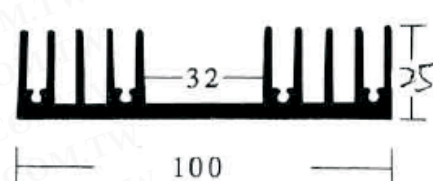
AK-106-100mm



Description 散热片 铝本色
Size 121W*38H*100Dmm



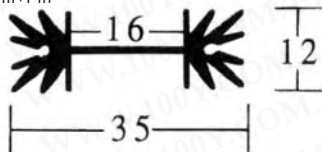
AK-029-254mm



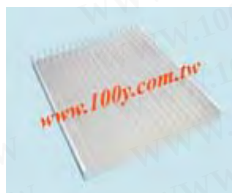
Description 散热片
Size 100W*25H*254Dmm



AK-132-24mm+Pin



Description 散热片 银色
Size 35W*24H*12D



AK-001-260mm



Description 散热片
Size 220W*25H*260mmD
220W*25H*260mmD



BK-004-19mm

Description 散热片 白色
Size 19*29*15mm



BK-003-20mm

Description 散热片 白色
Size 20*22*15mm



散热片-D

Description CPU散热片+SEKISUI
#5760导热胶(双面)
Size 30*30*6mm

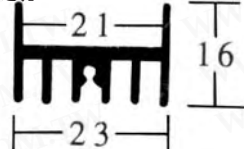


AK-122-50mm+Pin

Description 散热片
Size 42W*25H*50Dmm



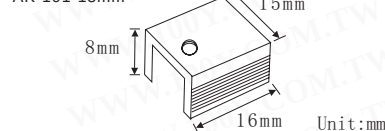
AK-145-25mm边孔



Description 散热片 金色
Size 23*25*16mm



AK-101-15mm



Description 散热片 白色
Size 16W*8H*15D

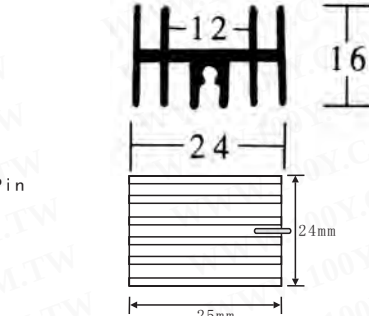


散热片-B

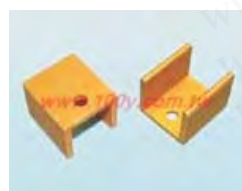
Description CPU散热片+SEKISUI
#5760导热胶(双面)
Size 35*35*6mm



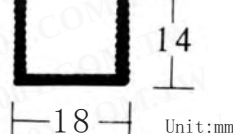
AK-143-25mm+Pin



Description 金色散热片+Pin
Size 24W*25H*16D



AK-151-20mm



Description 金色散热片
Size 18W*20H*14D

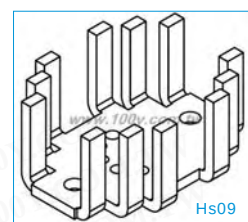
100Y 编号	厂商编号	说明	尺寸
39068	AK-001-260mm	散热片	220W*25H*260mmD 220W*25H*260mmD
29980	AK-029-254mm	散热片	100W*25H*254Dmm
1750	AK-101-15mm	散热片 白色	16W*8H*15D
29436	AK-106-100mm	散热片 铝本色	121W*38H*100Dmm
30865	AK-122-50mm+Pin	散热片	42W*25H*50Dmm
5990	AK-132-24mm+Pin	散热片 银色	35W*24H*12D
5994	AK-143-25mm+Pin	金色散热片+Pin	24W*25H*16D
16958	AK-145-25mm 边孔	散热片 金色	23*25*16mm
5993	AK-151-20mm	金色散热片	18W*20H*14D
16961	BK-003-20mm	散热片 白色	20*22*15mm
16962	BK-004-19mm	散热片 白色	19*29*15mm
2204	散热片-B	CPU 散热片+SEKISUI #5760 导热胶(双面)	35*35*6mm
2206	散热片-D	CPU 散热片+SEKISUI #5760 导热胶(双面)	30*30*6mm

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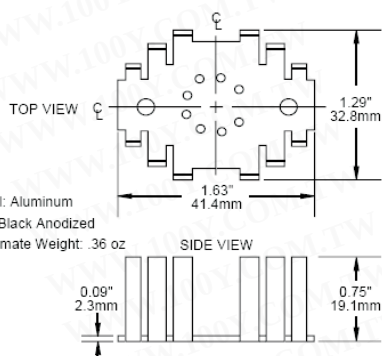




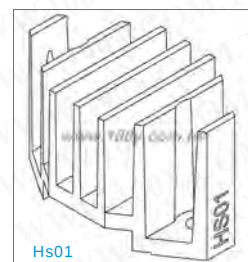
单体式散热器



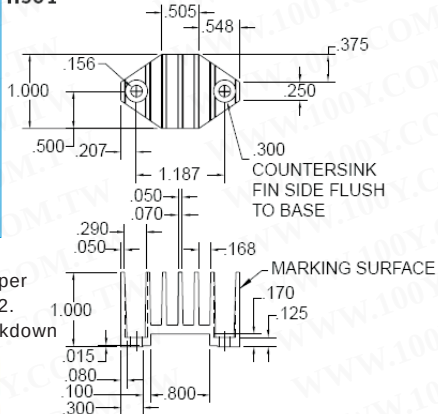
HS09



APEX

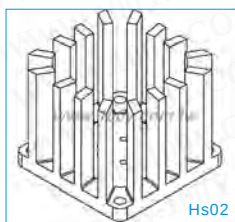


HS01

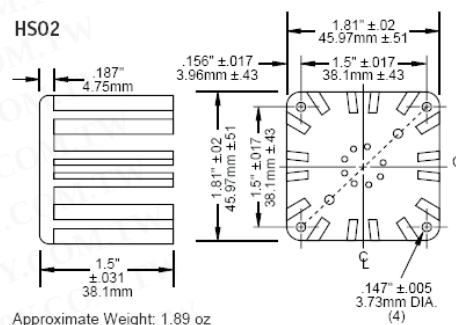


APEX

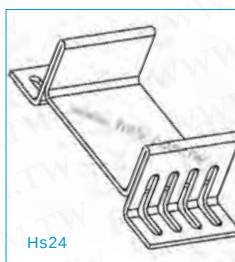
100Y 编号	厂商编号	制造厂商	说明
19963	HS01	APEX	散热片
19964	HS02	APEX	散热片
19968	HS09	APEX	散热片
19998	HS24	APEX	散热片

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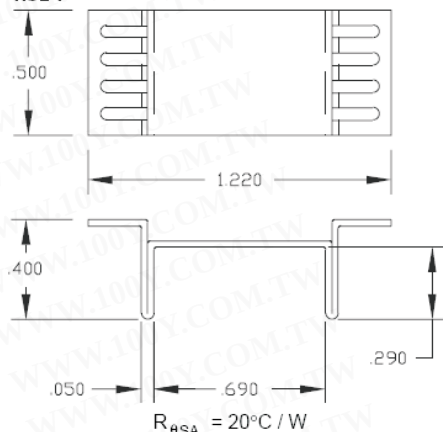
HS02



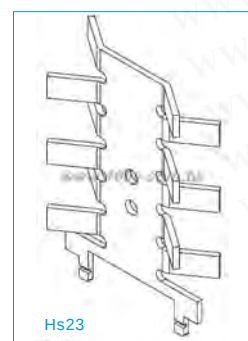
APEX



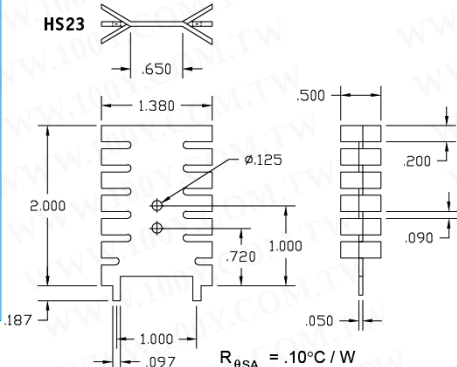
HS24



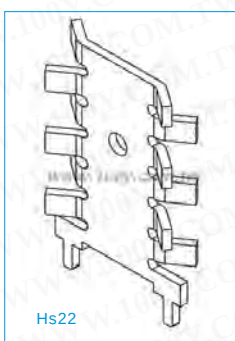
APEX



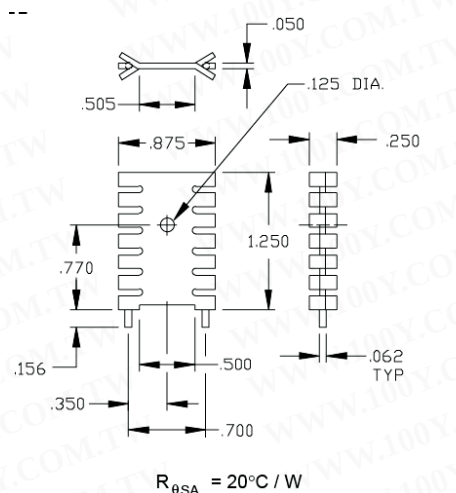
HS23



APEX



HS22



APEX

100Y 编号	厂商编号	制造厂商	说明
19996	HS22	APEX	散热片
19997	HS23	APEX	散热片

※每月有上百种新增产品，若您在目录上找不以您需要的元件，
请来电或上网查询。

※您也可请我们代订商品，欢迎您的来电。





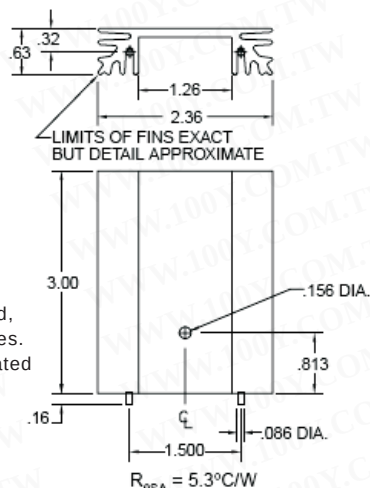
单体式散热片



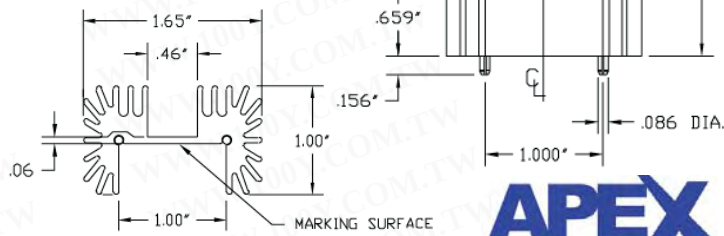
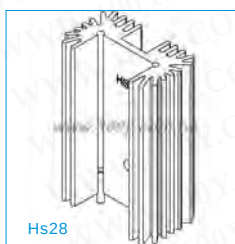
NOTES:

1. Unless otherwise specified, All dimensions are in inches.
2. Roll pin fits .114-.005" Plated through hole

APEX



100Y 编号	厂商编号	制造厂商	说明
20000	HS27	APEX	散热片
20001	HS28	APEX	散热片

详细产品规格 - 请点击 cn.100y.com.tw

APEX

散热膏



HTC-CPU

散热胶

- 特性: 室温固化导热胶具有导热绝缘接着之特性, 无一般散热膏之离油重量损失之缺点, 导热稳定适用于功率晶体, CPU, IC, 感温棒, 散热片等之散热冷却媒体。
- 包装: 10gr, 1kg, 3kg, 15kg



OTR-HTK-002

特色

- 使散热片与 CPU 表面能够接触紧密, 清凉配方, 能有效达到散热效果。

规格

- 颜色: 白色
- 黏着性: 300 Poise
- 密度: Over 2.0 @ 20°C
- 传导性: 4.18 W/mK
- 使用温度: 0 to 170°C
- 保存温度: Under 25°C



HTS-30g

原装散热膏

- 用途: 电子部品之散热冷却媒体。用于晶体管、IC、整流器等, 可发挥良好散热功能。
- 特点: 不含硅, 可免除因硅引起之困扰如电阻增加、接点磨损、起电狐、不上锡等。散热功能强、绝缘强度高、高温不干涸、扩散率低、重量挥发损失低、不垂流。
- 包装: 1kg, 25kg, 10gr软管, 2gr针筒式。



OTR-PTK-002

特色

- 在CPU处理速度愈快的时代, 伴随而来的是高温所带来的计算机当机率, 黄金GOLD配方, 更是能有效达到散热效果。

规格

- 颜色: 灰色
- 黏着性: 1700 Poise
- 密度: Over 2.0 @ 20°C
- 传导性: 6.8 W/mK
- 使用温度: -50 to 170°C
- 保存温度: Under 10°C



HTS-70g

原装散热膏

- 用途: 电子部品之散热冷却媒体。用于晶体管、IC、整流器等, 可发挥良好散热功能。
- 特点: 不含硅, 可免除因硅引起之困扰如电阻增加、接点磨损、起电狐、不上锡等。散热功能强、绝缘强度高、高温不干涸、扩散率低、重量挥发损失低、不垂流。
- 包装: 1kg, 25kg, 10gr软管, 2gr针筒式。



HTS1.5G

散热膏

- 适用于功率晶体 IC, 整流器等任何需快速散热保护之电机部品
- 密度高, 不垂流, 不干枯, 传热功能高达 0.9w/mk
- 破坏电压可达 42KV/mm, 扩散率低至 0.4%
- 重量损失小到 100°C, 96小时后仅剩1.4% HTS-1.5G



主成份: SILICONE(硅)

导热率: 2×10^{-3} cal/cm sec. °C

耐温性: 200°C

容量: 10g, 150g, 1kg, 2kg, 30kg、

主要用途: 各种电器、电子之晶体散热及增长晶体之寿命

U1000

Typical physical properties are as follows:

Colour : white

Appearance : opaque, creamy paste

Speific Gravity : 2.3

Bleed-7 days at room temperature : 0.4%

24 hours at 150°C : 0.5%

Evaporation-7 days at room temperature : 0.02%

24 hours at 200°C : 0.2%

lectric Strength, (KV/0.25mm):3.5

Volume Resistivity, at room temperature: 1.5×10^{14} ohm.cmThermal Conductivity: 2×10^{-3} cal/cm.sec. °C

Heat Resistance(°C):200°C

100Y 编号	厂商编号	制造厂商	说明	容量
3731	HTC-CPU		散热膏	10g
2264	HTS-30g		散热膏	30gr/条
2620	HTS-70g		散热膏	70gr/罐
20019	HTS1.5G		散热膏	1.5g
17842	OTR-HTK-002	COOLER MASTER	高效型散热膏	2g
17843	OTR-PTK-002	COOLER MASTER	强效型散热膏	1.6g
10579	U1000		散热膏	1kg/罐



服务专线: 台湾: 886-3-5753170

传 真: 台湾: 886-3-5753172

E-mail: 台湾: sale@100y.com.tw

深圳: 86-755-83298787

深圳: 86-755-83640655

深圳: 100y@163.com

上海: 86-21-34970699

上海: 86-21-64605107

上海: 100y-1@163.com

16-09



散热膏

详细产品规格 - 请点击 cn.100y.com.tw



G-746

产品简介

包装: 1KG

类型: 合成油

颜色: 白色

粘度: 油脂状

导热率(W/m/K): 0.92

主要特点: 通用型导热硅脂, 应用广泛



产品优点

该类可提供优异的导热效果, 适于对导热有较高要求的电子组件

主要应用: 此类硅胶材料对产生热的电子组件, 提供了极佳的导热效果。

如: 晶体管; CPU组装; 热敏电阻; 温度传感器; 汽车电子零部件; 汽车冰箱; 电源模块; 打印机头

Features:

Grease-like consistency.

Silver color.

Low bleed.

Very stable at elevated temperatures.

Excellent thermal resistance and high thermal conductivity.

Efficient thermal coupler.

Effective and positive heat sink sealers and heat transfer agent.



Color: Silver

Silver Content, %: 30

Penetration: 350~400

Bleed, percent after 25 hrs at 150°C: 0.1~0.2

Evaporation, percent after 24 hrs at 150°C: 0.1~0.5

Thermal Conductivity W/m•K: 6.5

L7c039N F7c038N A7c152N

100Y 编号	厂商编号	制造厂商	说明	容量
33590	A7c152N		散热膏	3.5g
33593	F7c038N		散热膏	2g
39700	G-746	ShinEtsu	散热膏	
33594	L7c039N		散热膏	2g

矽胶片 & 云母片 矽胶片 & 云母片

详细产品规格 - 请点击 cn.100y.com.tw



GPD160-200*400*3mm
GPD125-200*400*3mm

用途固定于半导体和散热片之间

- 厚度: /0.5 / 1.0 / 1.5 / 2.0 / 3.0 (mm)
- Between a chassis wall and other surface
- Areas where heat needs to be transferred to the frame or other type of heat spreader
- Between a CPU and a heat spreader
- Between a semiconductor and heat sink
- Replacement for messy grease
- 尺寸: (长) 400mm X (宽) 200mm X (厚) 3mm

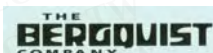


Features and Benefits

- Thermal impedance 0.86□J-in2/W (@100psi)
- High bond strength to a variety of surfaces
- Double sided pressure sensitive adhesive tape
- High performance, thermally conductive acrylic adhesive
- Can be used instead of heat cure adhesive, screw mounting or clip mounting

Typical Applications Include

- Mount heat sink onto BGA graphic processor or drive processor
- Mount heat spreader onto power converter PCB or onto motor control PCB



Product No	热阻c/w	热导 w/m-k	绝缘电压KV-AC	颜色	材质	粘著
Bond ply100-182*255	0.86	0.8		白色	Fiberglass	双背胶
Bond Ply108-28*28*0.2mm				白色		双背胶
Bond Ply108-40*40*0.2mm				白色		双背胶
Bond Ply108-44*44*0.2mm				白色		双背胶
Bond Ply108-49*49*0.2mm				白色		双背胶
CPU PAD-9mil-201*255*0.23mm	4.2	0.4		棕褐色		双背胶
Sil Pad800S-211*305*0.23mm	0.1	1.6	1.7/3.0	金黄色		单背胶
SP900S-230*360*0.23mm	0.2	1.6	5.5/8.3	淡紫色	Sil-Pad	单背胶
SP900SA-28*28*0.23mm	0.2	1.6	5.5/8.3	淡紫色	Sil-Pad	单背胶
SP900SA-40*40*0.23mm	0.2	1.6	5.5/8.3	淡紫色	Sil-Pad	单背胶

100Y 编号	厂商编号	制造厂商	说明	L*W*Thickness(mm)	颜色	热阻 c/w	热导 w/m-k	绝缘电压 KV-AC	材质	粘著
16870	Bond Ply100-182*255*0.2mm	BERGQUIST	Bergquist_8mil 导热硅胶片(双背胶)	182*255*0.2mm	白	0.86	0.8		fiberglass(玻璃纤维)	双背胶
16864	Bond Ply108-28*28*0.2mm	BERGQUIST	Bergquist_8mil 导热硅胶片(双背胶)	28*28*0.2mm	白					双背胶
16865	Bond Ply108-40*40*0.2mm	BERGQUIST	Bergquist_8mil 导热硅胶片(双背胶)	40*40*0.2mm	白					双背胶
16866	Bond Ply108-44*44*0.2mm	BERGQUIST	Bergquist_8mil 导热硅胶片(双背胶)	44*44*0.2mm	白					双背胶
16867	Bond Ply108-49*49*0.2mm	BERGQUIST	Bergquist_8mil 导热硅胶片(双背胶)	49*49*0.2mm	白					双背胶
16873	CPU PAD-9mil-201*255*0.23mm	BERGQUIST	Bergquist_导热硅胶片(双背胶)	201*255*0.23mm	棕褐色(Tan)	4.2	0.4			双背胶
12877	GPD125-200*400*3mm		GAP PAD 单面背胶	200*400*3mm						单面背胶
12878	GPD160-200*400*3mm		GAP PAD 单面背胶	200*400*3mm						单面背胶
16871	SP900S-230*360*0.23mm	BERGQUIST	Bergquist_9mil 导热硅胶片	230*360*0.23mm	淡紫色 (Mauve)	0.2	1.6	5.5/8.3	Sil-Pad	单背胶
16868	SP900SA-28*28*0.23mm	BERGQUIST	Bergquist_导热硅胶片(单背胶)	28*28*0.23mm	淡紫色 (Mauve)	0.2	1.6	5.5/8.3	Sil-Pad	单背胶
16869	SP900SA-40*40*0.23mm	BERGQUIST	Bergquist_导热硅胶片(单背胶)	40*40*0.23mm	淡紫色 (Mauve)	0.2	1.6	5.5/8.3	Sil-Pad	单背胶
12612	SP909A-40*50*0.23mm		单面背胶导热垫	40*50*0.23mm						
16872	Sil Pad800S-211*305*0.23mm	BERGQUIST	Bergquist_5mil 导热硅胶片	211*305*0.23mm	金黄色(Gold)	0.1	1.6	1.7/3.0		单背胶



更多详细资料请点击

CN.100Y.COM.YW

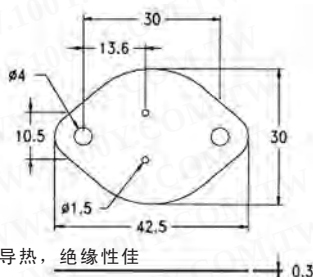




矽胶片 & 云母片



TO-3



矽胶片 SILICON INSULATOR

- MATERIAL: SILICON (UL)
- FLAME CLASS: 94V-0
- COLOR: GRAY
- 用途: 锁于功率晶体与散热片之间, 导热, 绝缘性佳



SI740300

CPU 散热硅胶片 CPU EXCLUDE HEAT SILICON

- MATERIAL: SILICON (UL)
- FLAME CLASS: 94V-0
- COLOR: GRAY
- THICKNESS: 0.3~0.4mm
- PROVIDING SERVICE FOR ANY DIMENSIONS REQUIRED
- 用途: CPU或手提电脑散热用, 可背胶(单面或双面)。



TO-3A/B

- 产品说明: 具有较高的机械强度和耐热性, 能在600°C长期使用
- 用途: 用于冶金, 化工, 电器等

IS-313B TO-3PII
IS-3MPC TO-3PI

天然云母片是厚片云母经过剥开, 定厚, 切割, 钻制或冲制而成具有一定厚度, 一定形状的云母零件, 因其材料为天然矿制品, 具有无污染, 绝缘, 耐电压性能好的特点, 可根据客户需求冲切各种规格的天然云母片。产品适用于电烙铁, 电子管, 电加热管, 电容器等产品。

具有耐高温, 绝缘的作用!!



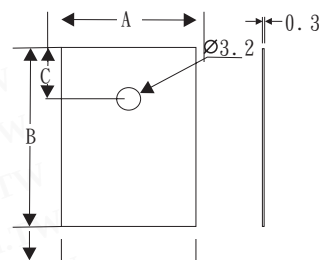
SZG25-25*200*0.23mm

应用范围: RDRAMTM, CDROM、金属底架、表面散热、绝缘等物品。
主要作用: 绝缘系数高、散热、使用耐久性强。



SZG-40*40*0.23mm

矽胶导热垫是一种新型的导热材料, 用于散热片和电子设备的传热界面。该系列产品的形状适用性使其能填满PC板和散热片或金属底架的空气间隙, 最大限度减少空气的热阻抗。该产品有UL、SGS认证。

详细产品规格 - 请点击 cn.100y.com.twTO-3P
TO-220

矽胶片 SILICON INSULATOR

- MATERIAL: SILICON (UL)
- FLAME CLASS: 94V-0
- COLOR: GRAY
- 用途: 锁于功率晶体与散热片之间, 导热, 绝缘性佳



GPS160

Gap Pad Vo Soft-200*400*3 mm

Applications

- Between chassis wall and other surface
- CDROM Cooling
- Area where heat needs to be transferred to a frame, chassis, or other type of heat spreader.
- Between CPU and Heat Spreader
- Between a semiconductor and heat sink

Property

Value

Test Method

Mechanical Properties

Thickness inches	.020" to .160"	ASTM D374
Color	Mauve/Pink	Visual
Specific Gravity	1.6	ASTM D792
Heat Capacity J/g-K	1.0	ASTM C351
Continuous Use Temp.	-60°C to +200°C	
Hardness (Shore Type OO)	vs. Thickness (in) (Type OO)	ASTM D2240
	0.020" to 0.160"	65 to 25
Young's Modulus* (psi)	Rate Modulus	ASTM D575
	0.01 40	

Electrical Properties

Dielectric Breakdown Voltage	>6 kV	ASTM D149
Dielectric Constant	5.5	ASTM D150
Volume Resistivity	10 ¹⁰ Ohm-meter	ASTM D257

Thermal Properties

Thermal Conductivity @ 10 psi	0.8 W/m-K	ASTM D5470
Flame Rating		
Film #: E59150	94V-O	U.L.

P300BG40-120-3T

矽胶导热垫是一种新型的导热材料, 用于散热片和电子设备的传热界面。该系列产品的形状适用性使其能填满PC板和散热片或金属底架的空气间隙, 最大限度减少空气的热阻抗。该产品有UL、SGS认证。

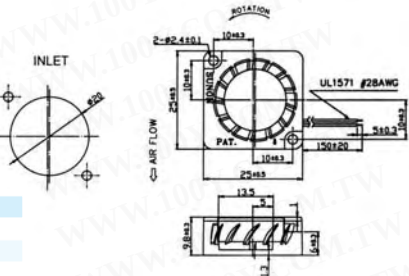
100Y 编号	厂商编号	制造厂商	说明	L*W*Thickness(mm)	颜色	热阻 c/w	绝缘电压 KV-AC	材质	粘着
33577	GPS160		Gap Pad Vo Soft 矽胶片	200*400*4.0 mm	pink	5	>6	低模量 树脂	
17647	Gap Pad Vo Soft-200*400*3 mm		Gap Pad Vo Soft 矽胶片	200*400*3 mm(0.118inch)	pink	5	>6	低模量 树脂	
1771	IS-313B	TOSAI	云母片 For TO-220	13*18					
28956	IS-3MPC	TOSAI	云母片 For TO-3PL	22*29mm					
40157	P300BG40-120-3T		硅胶单面背胶导热垫	40*120*3mm					
16331	SI740300		矽胶片	300*740*0.3mm	灰(GARY)			SILICON(UL)	
40156	SZG-40*40*0.23mm		硅胶单面背胶导热垫	40*40*0.23mm					
19181	SZG25-25*200*0.23mm		矽胶片 UL-94V(背胶)	200*25*0.23mm	淡紫色 (Mauve)				
10443	TO-220	TOSAI	矽胶片	13.2W*19H*0.3D	灰色			Silicon(UL)	No
6227	TO-3	TOSAI	TO-3 矽胶片		灰(GARY)			SILICON(UL)	
1773	TO-3A/B	TOSAI	TO-3 云母片	31.5*44.5mm					
12486	TO-3P	TOSAI	矽胶片	19W*25H*0.3D	灰色			Silicon(UL)	No
28948	TO-3PI	TOSAI	云母片 For TO-3P	18*22					
28949	TO-3PII	TOSAI	云母片 For TO-3PII	20*25mm					



风扇+配件 DC 风扇



www.100y.com.tw



INLET
AIR FLOW
ROTATION
UL1571 #28AWG
PAT. 150720
25.4±0.3
10.4±0.3
25.4±0.3
10.4±0.3
13.5±0.3
10.4±0.3

SUNON.

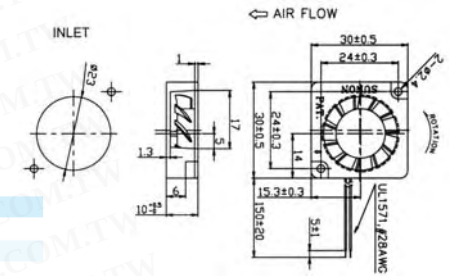
B0502AFB1-8

Volt:	5V
r.p.m:	12000
Current(A):	0.18A
Watts:	0.9
Air Flow(CFM):	0.9
Noise(dBA):	34
Ball/Sleeve:	Ball

详细产品规格 - 请点击 cn.100y.com.tw



www.100y.com.tw



INLET
AIR FLOW
ROTATION
UL1571 #28AWG
PAT. 150720
25.4±0.3
10.4±0.3
25.4±0.3
10.4±0.3
13.5±0.3
10.4±0.3

SUNON.

B0503AFB1-8

Volt:	5V
r.p.m:	9000
Current(A):	0.19A
Watts:	0.95
Air Flow(CFM):	1.2
Noise(dBA):	31
Ball/Sleeve:	Ball

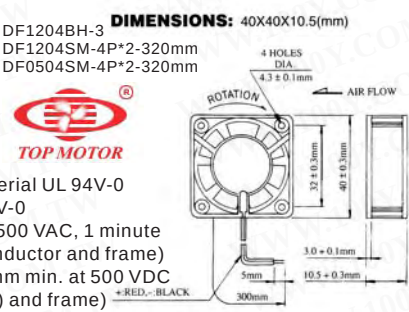
100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
16837	B0502AFB1-8	SUNON	风扇带线式	25*25*10	5V	12000	0.18A	0.9	0.9	34	Ball
16838	B0503AFB1-8	SUNON	风扇带线式	30*30*10	5V	9000	0.19A	0.95	1.2	31	Ball



www.100y.com.tw

DF1204BH-3
DF1204SM-4P*2-320mm
DF0504SM-4P*2-320mm

DIMENSIONS: 40X40X10.5(mm)



4 HOLES DIA. 4.3 ± 0.1mm
AIR FLOW
ROTATION
37 ± 0.3mm
40 ± 0.3mm
3.0 ± 0.1mm
10.5 ± 0.3mm
5mm
300mm
*RED, -BLACK

TOP MOTOR

Features: Frame: Plastic Material UL 94V-0
Blade: Plastic Material UL 94V-0
Dielectric Strenth: 50/60 Hz, 500 VAC, 1 minute (between lead conductor and frame)
Insulation Resistance: 50M ohm min. at 500 VDC (between lead wire(+) and frame)
Operating Temperature: -10°C to +65°C

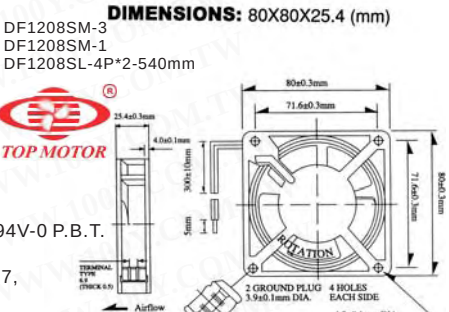
Volt:	5V	12V	12V
r.p.m:	4500	5500	4500
Current(A):	0.14A	0.06A	0.04A
Watts:	0.70	0.72	0.48
Air Flow(CFM):	5.2	5	3.36
Noise(dBA):	14	19	14
Ball/Sleeve:	Sleeve	Sleeve	Sleeve



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DF1208SM-3
DF1208SM-1
DF1208SL-4P*2-540mm

DIMENSIONS: 80X80X25.4 (mm)



80±0.3mm
71.6±0.3mm
25.4±0.3mm
4.0±0.1mm
30±0.1mm
5mm
2 GROUND PLUG 3.9±0.1mm DIA.
4 HOLES EACH SIDE 4.3±0.1mm DIA.
AIR FLOW
ROTATION

TOP MOTOR

DC BRUSHLESS FAN FEATURES

- Housing: Thermoplastic UL94V-0 P.B.T.
- P.C.B. : UL standard 94HB
- Lead wire: AWG #24. UL1007, 300mm Length
- Bearing: Ball Bearing & Sleeve Bearing.
- Insulation Resistance: 10M ohm at 500 V DC between lead wire (+) and frame
- Dielectric Withstand : 5mA Max. at 500V AC for 1 Min. between lead wire (+) and frame
- Life Expectancy : 50,000 Hours at 25°C. Ball bearing 20,000 Hours at 25°C. Sleeve bearing
- Operating Temperature: Fan satisfy their specification after exposure (-10°C ~ +65°C)
- Storage Temperature: -30°C ~ +70°C for 100 hours and returned to normal room temperature for 24 hours.
- Above measurements apply at 25°C 5°C reiative humidity 65% 15% (RH)

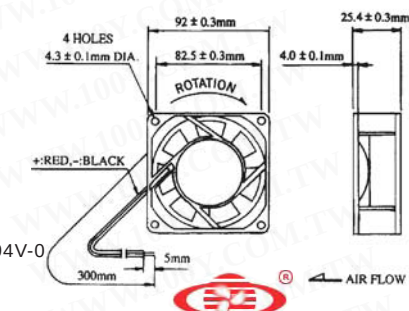
100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
1783	DF0504SM-4P*2-320mm	Dynaeon	风扇+大 4P 接头	40*40*10.5	5V	4500	0.14	0.70	5.2	14	Sleeve
14725	DF1204BH-3	Dynaeon	风扇三线 Pins 培琳	40*40*10.5	12V	5500	0.06	0.72	5	19	Ball
8756	DF1204SM-4P*2-320mm	Dynaeon	风扇+大 4P 接头	40*40*10.5mm	12V	4500	0.04	0.48	3.36	14	Sleeve
902	DF1208SL-4P*2-540mm	Dynaeon	风扇+大 4P 接头	80*80*25.4mm	12V	2200	0.12	1.44	28	24	Sleeve
6815	DF1208SM-1	Dynaeon	风扇+感温元件	80*80*25.4mm	12V	2600	0.15	1.92	34	30	Sleeve
8429	DF1208SM-3	Dynaeon	风扇带线式	80*80*25.4mm	12V	2600	0.15	1.68	34	30	Sleeve



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DF1209SM-1
DF129225SL-3
DF1209SL-1

DC BRUSHLESS FAN FEATURES



4 HOLES DIA. 4.3 ± 0.1mm
ROTATION
92 ± 0.3mm
82.5 ± 0.3mm
25.4 ± 0.3mm
4.0 ± 0.1mm
300mm
5mm
*RED, -BLACK
AIR FLOW

TOP MOTOR

●Housing: Thermoplastic UL94V-0 P.B.T.

●P.C.B. : UL standard 94HB

●Lead wire: AWG #24. UL1007, 300mm Length

●Bearing: Ball Bearing & Sleeve Bearing.

●Insulation Resistance: 10M ohm at 500 V DC between lead wire (+) and frame

●Dielectric Withstand : 5mA Max. at 500V AC for 1 Min. between lead wire (+) and frame

●Life Expectancy : 50,000 Hours at 25°C. Ball bearing 20,000 Hours at 25°C. Sleeve bearing

●Operating Temperature: Fan satisfy their specification after exposure (-10°C ~ +65°C)

●Storage Temperature: -30°C ~ +70°C for 100 hours and returned to normal room temperature for 24 hours.

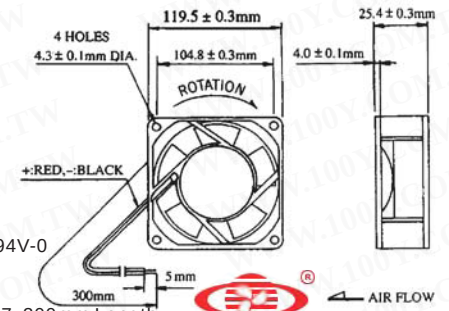
●Above measurements apply at 25°C 5°C reiative humidity 65% 15% (RH)



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DF1212025SH

DC BRUSHLESS FAN FEATURES



4 HOLES DIA. 4.3 ± 0.1mm
ROTATION
119.5 ± 0.3mm
104.8 ± 0.3mm
25.4 ± 0.3mm
4.0 ± 0.1mm
300mm
5mm
*RED, -BLACK
AIR FLOW

TOP MOTOR

●Housing: Thermoplastic UL94V-0 P.B.T.

●P.C.B. : UL standard 94HB

●Lead wire: AWG #24. UL1007, 300mm Length

●Bearing: Ball Bearing & Sleeve Bearing.

●Insulation Resistance: 10M ohm at 500 V DC between lead wire (+) and frame

●Dielectric Withstand : 5mA Max. at 500V AC for 1 Min. between lead wire (+) and frame

●Life Expectancy : 50,000 Hours at 25°C. Ball bearing 20,000 Hours at 25°C. Sleeve bearing

●Operating Temperature: Fan satisfy their specification after exposure (-10°C ~ +65°C)

●Storage Temperature: -30°C ~ +70°C for 100 hours and returned to normal room temperature for 24 hours.

●Above measurements apply at 25°C 5°C reiative humidity 65% 15% (RH)

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
5014	DF1209SL-1	Dynaeon	风扇+感温元件	92*92*25.4	12	2200	0.11	1.32	25.2	27	Sleeve
7914	DF1209SM-1	Dynaeon	风扇+感温元件	92*92*25.4	12	2600	0.18	1.8	32.4	33	Sleeve
1780	DF1212025SH	Dynaeon	风扇带线式	120*120*25.4mm	12Vdc	2600	0.58	6	88	43	Sleeve
6814	DF129225SL-3	Dynaeon	风扇带线式	92*92*25.4	12	2200	0.24	1.32	25.2	27	Sleeve

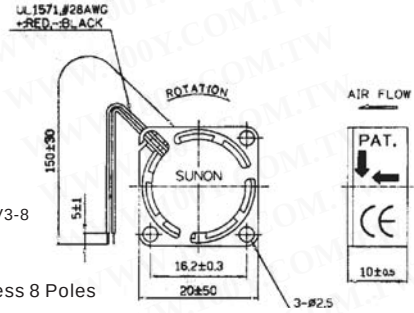
DC 风扇

详细产品规格 – 请点击 cn.100y.com.tw



KDE0501PFB3-8 GM0502PFV3-8

- 0.43 to 0.65 CFM
- 5 VDC (nominal)
- Patented Single-coil Brushless 8 Poles DC Motor Design
- Locked Rotor Protection
- Low Power Consumption
- Precision Ball Bearing System
- 28 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



UL1571 #28AWG
+RED, -BLACK

ROTATION

AIR FLOW

PAT.

CE

10±0.5

150±3.0

5±1

16.2±0.3

20±5.0

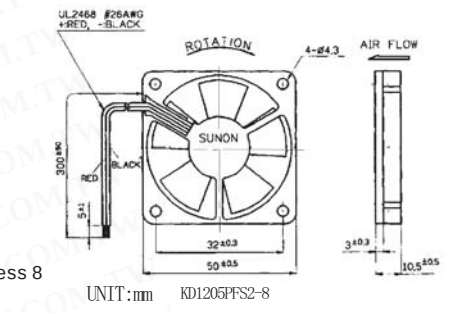
3-#2.5

SUNON.



KD2405PFB1-8

- 7.0 to 10.2 CFM
- 5 and 12 VDC (nominal)
- Patented Single-coil Brushless 8 Poles DC Motor Design
- Locked Rotor Protection
- Low Power Consumption
- Polarity Protected
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 26 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



UL2468 #26AWG
+RED, -BLACK

ROTATION

AIR FLOW

UNIT:mm

KD1205PFS2-8

300±0.5

5±1

32±0.3

50±0.5

4-#4.3

3±0.3

10±0.5

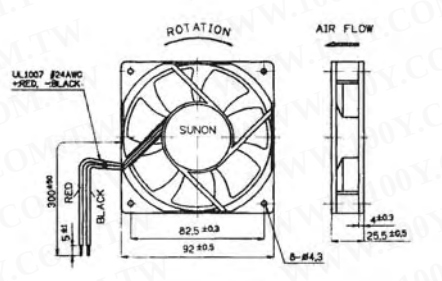
SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
29359	GM0502PFV3-8	SUNON	风扇带线式	25*25*10	5V	7000	0.04	0.2	2.3	9.5	VAPO
15961	KD2405PFB1-8	SUNON	风扇带线式	50*50*10	24V	5100	0.04A	1.0W	9	30	Ball
3895	KDE0501PFB3-8	SUNON	风扇带线式	20*20*10	5	1000	0.1	0.3	0.65	30	Ball



KD1209PTB1 KD1209PTS1-H

- 39 to 51 CFM
- 12 and 24 VDC (nominal)
- Patented Single-coil Brushless DC Motor Design
- Locked Rotor Protection
- Available with 4 Poles Motor or 6 Poles Motor
- Locked Rotor Protection
- Polarity Protected
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 24 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



UL1007 #24AWG
+RED, -BLACK

ROTATION

AIR FLOW

300±0.5

5±1

82.5±0.3

92±0.5

8-#4.3

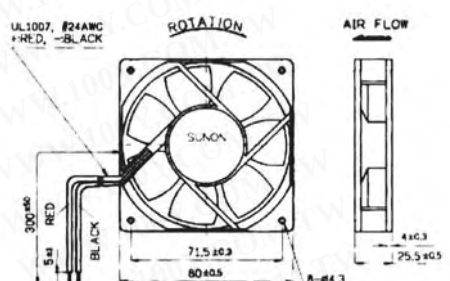
25.5±0.5

SUNON.



KD1208PTB1
KD1208PTS3.H.M
KD1208PTB3-6(OCM)
KD2408PTB1-13.2.A

- 29.4 to 42.5 CFM
- 12 or 24 VDC (nominal)
- Patented Single-coil Brushless DC Motor Design
- Available with 4 Poles or 6 Poles Motor
- Locked Rotor Protection
- Polarity Protection
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 24 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



UL1007 #24AWG
+RED, -BLACK

ROTATION

AIR FLOW

300±0.5

5±1

71.5±0.3

80±0.5

8-#4.3

25.5±0.5

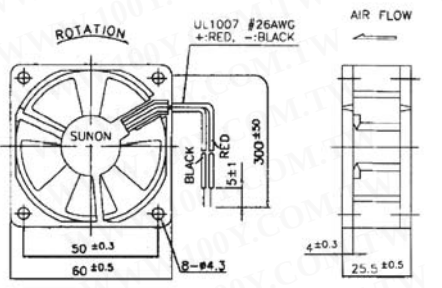
SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
12106	KD1208PTB1	SUNON	风扇带线式	80*80*25	12V	3000		2.5W	39.5	33	Ball
14867	KD1208PTB3-6(OCM)	SUNON	风扇带线式	80*80*25	12V	2500	0.12	1.4	30	28.5	Ball
16506	KD1208PTS3.H.M	SUNON	风扇带线式	80x80x25	12V	2300	0.12A	1.4W	31	25	Sleeve Bearing
12104	KD1209PTB1	SUNON	风扇带线式	92*92*25	12V	2700		2.5	49	34.5	Ball
16804	KD1209PTS1-H	SUNON	风扇带线式	92*92*25mm	12Vdc	2500		2.6W	45.5	33	Sleeve
27640	KD2408PTB1-13.2.A	SUNON	风扇带线式	80*80*25	24V	3100	0.07A	1.7W	41	35	Ball



KD1206PFS1-H.G
KD1206PTS1.13
KD1206PTB1

- 15.9 to 22.1 CFM
- 12 and 24 VDC (nominal)
- Patented Single coil Brushless 4 Poles DC Motor Design
- Locked Rotor Protection
- Polarity Protected
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 26 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



UL1007 #26AWG
+RED, -BLACK

ROTATION

AIR FLOW

300±0.5

5±1

50±0.3

60±0.5

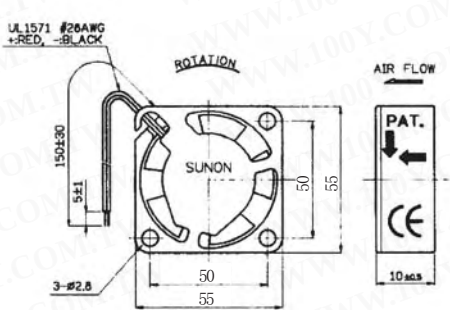
8-#4.3

25.5±0.5

SUNON.



KD1255PFS1-F.G



UL1571 #26AWG
+RED, -BLACK

ROTATION

AIR FLOW

150±3.0

5±1

50

55

50

55

3-#2.5

PAT.

CE

10±0.5

SUNON.

Part No	Dimensions (mm)	Model (VDC)	Voltage Input (watts)	Speed (RPM)	Air flow (CFM)	Static pressure (Inch-H2O)	Noise (dBA)	
1785	55x55x10	Kd1255PFS1-F.G	12V	1.4	5700	15.0	0.16	36

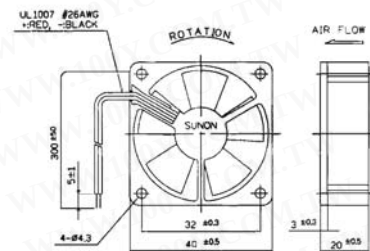
100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
1786	KD1206PFS1-H.G	SUNON	风扇带线式	60*60*10mm	12Vdc	5200		1.4W	16.5	35	Sleeve
17341	KD1206PTB1	SUNON	"SUNON" DC 带线式风扇	60*60*25mm	12	5100	0.19	2.2	22.1	34.3	Ball Bearing
23834	KD1206PTS1.13	SUNON	"SUNON" DC 带线式风扇	60*60*25mm	12	4500	0.19	1.6	21.7	34	Sleeve
1785	KD1255PFS1-F.G	SUNON	风扇带线式	55*55*10mm	12Vdc	5700		1.4W	15	36	Sleeve



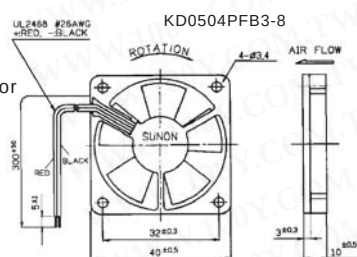
DC 风扇

KD1204PKB2(2) KD0504PFB3-8
KD1204PFB1-8(2)

- 5.2 to 7.0 CFM
- 4.5 to 6.9 CFM
- 5 and 12 VDC (nominal)
- Patented Single-coil Brushless 8 Poles DC Motor Design
- Available with 4 Poles or 8 Poles Motor
- Locked Rotor Protection
- Low Power Consumption
- Polarity Protected
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 26 AWG UL Rating Lead wire, "+" Red and "-" Black
- UL, CUR & TUV Approval



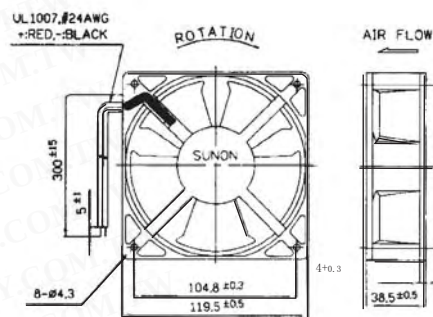
UNIT: mm KD1204PKB2(2)



SUNON.

详细产品规格 - 请点击 cn.100y.com.twKD2412PMB1-6A
KD2412PMB1-6A
KD1212PTB1-6A
KD1212PMSX-6A
KD2412PMSX-6A
KD2412PMS1-6A
KD1212PTB2-6A
KD4812PMS1-6A

- 83 to 120 CFM
- 12 and 24 VDC (nominal)
- Patented Single-coil Brushless 6 Poles DC Motor Design
- DC Motor Protected by IC
- Locked Rotor Protection
- Polarity Protected
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 26 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval



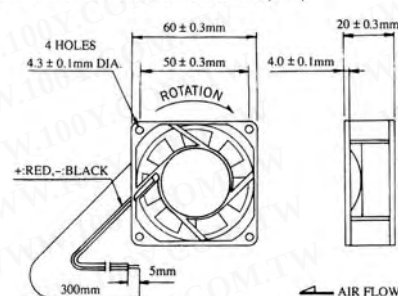
SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
18770	KD0504PFB3-8	SUNON	风扇带线式	40x40x10	DC5V	5300	0.07	0.35	4.6	23.5	Ball
17399	KD1204PFB1-8(2)	SUNON	风扇带线式	40*40*10	12V		0.07A				Ball
15304	KD1204PKB2(2)	SUNON	风扇带线式	40*40*20	12VDC	6400	0.07	0.9	6.8	29	BALL
12001	KD1212PMSX-6A	SUNON	风扇带线式	120*120*38mm	12VDC	3100	0.63	7.6	119	45	Sleeve
5004	KD1212PTB2-6A	SUNON	风扇带线式	120*120*25mm	12Vdc	2800	0.30	3.6W	80	41	Ball
16412	KD2412PMB1-6A	SUNON	风扇带线式	120*120*25	24VDC	3100	0.31	6.7	108	42	Two Ball Bearing
16297	KD2412PMB1-6A	SUNON	风扇带线式	120*120*38	24VDC	3100	0.31	6.7	108	42	Two Ball Bearing
7781	KD2412PMS1-6A	SUNON	风扇带线式风扇	120*120*38	24V	3000	0.31	7.4	107	41	Sleeve
10631	KD2412PMSX-6A	SUNON	风扇带线式	120*120*38mm	24Vdc	3100	0.33	7.9	119	45	Sleeve
16444	KD2412PTS1-6A	SUNON	风扇带线式	120*120*25mm	24	3000	0.25A	6W	88	44	Sleeve Bearing
1790	KD4812PMS1-6A	SUNON	风扇带线式	120*120*38mm	48Vdc	2900		9.1W	132.5	46	Sleeve



DF126020SM-4P*2-540mm

DIMENSIONS: 60X60X20(mm)



PERFORMANCE CURVE

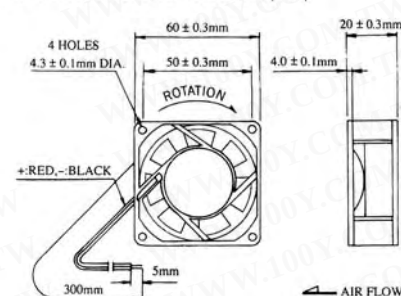
DC BRUSHLESS FAN
FEATURES

- Housing: Thermoplastic UL94V-0 P.B.T.
- P.C.B.: UL standard 94HB
- Lead wire: AWG #24. UL1007, 300mm Length
- Bearing: Ball Bearing & Sleeve Bearing.
- Insulation Resistance: 10M ohm at 500 V DC between lead wire (+) and frame
- Dielectric Withstand: 5mA Max. at 500V AC for 1 Min. between lead wire (+) and frame
- Life Expectancy: 50,000 Hours at 25°C. Ball bearing
20,000 Hours at 25°C. Sleeve bearing
- Operating Temperature: Fan satisfy their specification after exposure (-10°C ~ +65°C)
- Storage Temperature: -30°C ~ +70°C for 100 hours and returned to normal room temperature for 24 hours.
- Above measurements apply at 25°C 5°C relative humidity 65% 15% (RH)



DF246020SM

DIMENSIONS: 60X60X20(mm)



PERFORMANCE CURVE

DC BRUSHLESS FAN
FEATURES

- Housing: Thermoplastic UL94V-0 P.B.T.
- P.C.B.: UL standard 94HB
- Lead wire: AWG #24. UL1007, 300mm Length
- Bearing: Ball Bearing & Sleeve Bearing.
- Insulation Resistance: 10M ohm at 500 V DC between lead wire (+) and frame
- Dielectric Withstand: 5mA Max. at 500V AC for 1 Min. between lead wire (+) and frame
- Life Expectancy: 50,000 Hours at 25°C. Ball bearing
20,000 Hours at 25°C. Sleeve bearing
- Operating Temperature: Fan satisfy their specification after exposure (-10°C ~ +65°C)
- Storage Temperature: -30°C ~ +70°C for 100 hours and returned to normal room temperature for 24 hours.
- Above measurements apply at 25°C 5°C relative humidity 65% 15% (RH)

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
40639	DF126020SM-4P*2-540mm	Dynaeon	风扇+4P 接头	60*60*20mm	12V	4200	0.23A	2.76W	19.5	26.5	Sleeve
40640	DF246020SM	Dynaeon	风扇带线式	60*60*20	24V	4200	0.13A	3.12W	17.53	32.52	Sleeve(轴承)



服务专线: 台湾: 886-3-5753170
传 真: 台湾: 886-3-5753172
E-mail: 台湾: sale@100y.com.tw

深圳: 86-755-83298787
深圳: 86-755-83640655
深圳: 100y@163.com

上海: 86-21-34970699
上海: 86-21-64605107
上海: 100y-1@163.com

16-14



DC 风扇



D08G4508-6
D08G4506-6
D08G4503-6
D08G4501-6
D08G4500-6

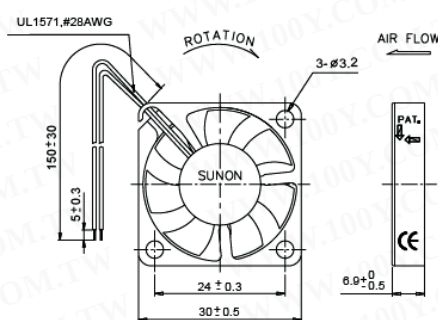
Dimensions: 80 x 80 x 25.4mm
Weight: 71.5g
Air flow: 34CFM
Rated voltage: DC12V (24V also available)
Input current: 0.20A
Input power: 2.4W
Static pressure: 0.12 (inch-H₂O)
Noise level: 30dBA
Housing: thermoplastic UL94V-0 PBT PCB UL standard 95HB
Lead wire: AWG#26, UL1007
Bearing: Sleeve Bearing (Ball Bearing also available)

Insulation resistance: 10M ohm at 500V DC between lead wire (+) and frame
Dielectric withstand: 5mA max. at 500V AC for 1 min between lead wire (+) and frame
Speed: Middle-2600RPM $\pm 10\%$
Life expectancy: 50000 hours at 25°C (ball bearing)
20000 hours at 25°C (sleeve bearing)
Operating temperature: satisfies specifications after exposure (10°C ~ +65°C)
Storage temperature: -30°C + 70°C for 100 hours returns to normal room temperature for 24 hours
Above measurements apply at 25°C $\pm 5^\circ\text{C}$ relative humidity 65% $\pm 15\%$ (RH)

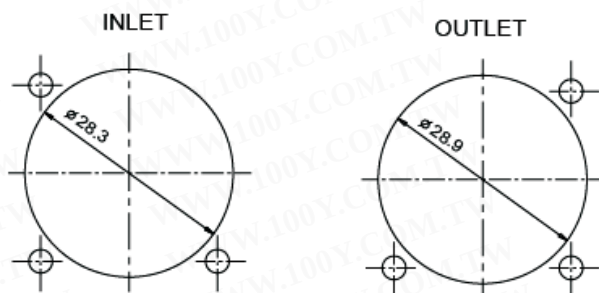
100Y 编号	厂商编号	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
38996	D08G4500-6	UV LED 风扇 透明-橘	80*80*25.4mm	DC12V	2600	0.2A	2.4W	34	30	Sleeve
38997	D08G4501-6	UV LED 风扇 透明-蓝	80*80*25.4mm	DC12V	2600	0.2A	2.4W	34	30	Sleeve
38998	D08G4503-6	UV LED 风扇 透明-绿蓝	80*80*25.4mm	DC12V	2600	0.2A	2.4W	34	30	Sleeve
38999	D08G4506-6	UV LED 风扇 透明-橘绿	80*80*25.4mm	DC12V	2600	0.2A	2.4W	34	30	Sleeve
39000	D08G4508-6	UV LED 风扇 透明-蓝橘	80*80*25.4mm	DC12V	2600	0.2A	2.4W	34	30	Sleeve



GM0503PFV1-8.GN
GM1203PFV2-8GN



(Units : mm)

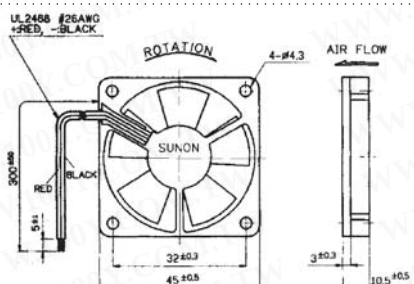


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100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
40278	GM0503PFV1-8.GN	SUNON	风扇带线式	30*30*10	5V	9500	0.14A	0.7	5.5	23	VAPO
32192	GM1203PFV2-8GN	SUNON	风扇带线式	30*30*10	12V	8000	42mA	0.5W	4.6	20	VAPO



KD1245PFS1-H



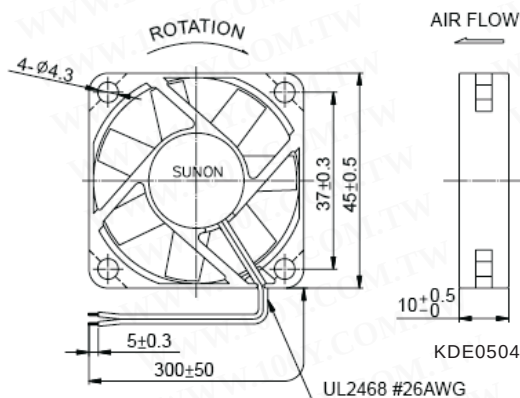
- 5.5 to 9.0 CFM
- 5 and 12 VDC (nominal)
- Patented Single-coil Brushless 8 Poles DC Motor Design
- Locked Rotor Protection
- Low Power Consumption
- Lubricated Sintered Sleeve Bearing System or Precision Ball Bearing System
- 26 AWG UL Rating Leadwire, "+" Red and "-" Black
- UL, CUR & TUV Approval

SUNON.

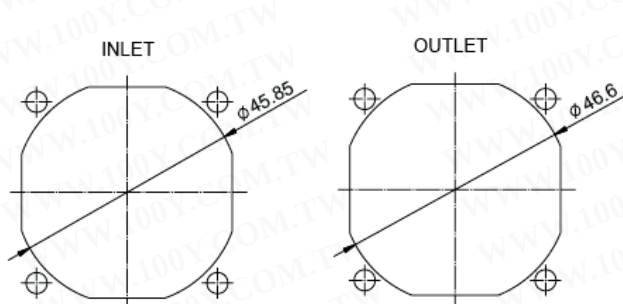
100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
1784	KD1245PFS1-H	SUNON	风扇带线式	45*45*10mm	12Vdc	6600		1.4W	8.8	31.4	Sleeve



KDE0504PFV2.11.MS.B898.
KD0504PKB2(2)



KDE0504PFV2.11.MS.



SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
19601	KD0504PKB2(2)	SUNON	风扇带线式	40x40x20	DC5V	6500	0.21	1	7	29	Ball
39030	KDE0504PFV2.11.MS.B898.A	SUNON	风扇带线式	40*40*10	5			0.4W			VAPO



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深圳:86-755-83640655
深圳:100y@163.com

上海:86-21-34970699
上海:86-21-64605107
上海:100y-1@163.com

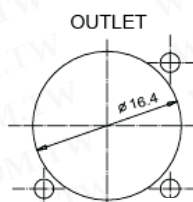
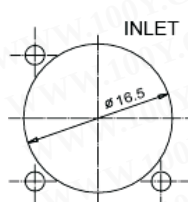
16-15



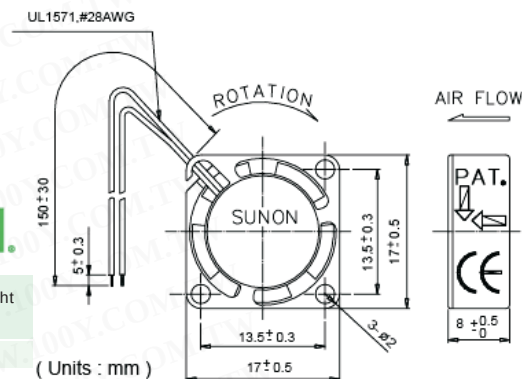
DC 风扇

详细产品规格 - 请点击 cn.100y.com.tw

GM0517PDV2-8



SUNON.



Model	P/N	Bearing	Rating Voltage (VDC)	Power Current (AMP)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (inch-H ₂ O)	Noise (DBA)	Weight (G)
GM0517PCV2-8	GN	●	5	0.11	0.6	1500	0.7	0.17	16	4.36

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
22666	GM0517PDV2-8	SUNON	DC 风扇	17*17*8	5V	15000	0.11	0.6	0.7	16	VAPO



KDE1204PFV2.11.MS.A.GN

Motor

Patented Brushless DC motor design.

Frame

Injection molded non-flammable black thermoplastic

UL 94V-0 rating and aluminum

Bearing System :

Precision, life-lubricated ball bearing system

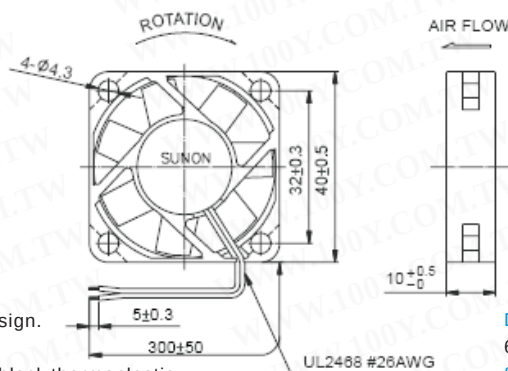
Precision, oil-impregnated sintered sleeve bearing system

Insulation

Class E integral ground system rated @100 Deg C

Insulation Resistance

More than 500M ohm between internal stator and lead wire(+) measured by DC 500V



Dielectric Strength

600VAC for one minute

Safety Protection : Electronic locked rotor protected

Operating Temperature

-10 to +70 Deg.C

Storage Temperature

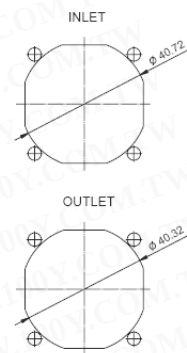
-40 to +70 Deg.C

Operating Voltage

Rated voltage ±15%

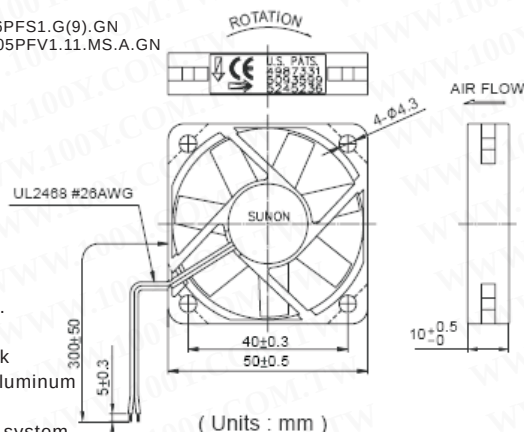
Professional Design

We Can design to fit any special application requirement



SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
39598	KDE1204PFV2.11.MS.A.GN	SUNON	风扇带线式	40*40*10	12V	5800	0.08A	1.0	7.0	27	VAPO

KD1206PFS1.G(9).GN
KDE0505PFV1.11.MS.A.GN

Dielectric Strength

600VAC for one minute

Safety Protection : Electronic locked rotor protected

Operating Temperature

-10 to +70 Deg.C

Storage Temperature

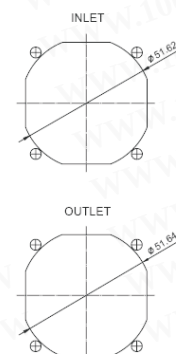
-40 to +70 Deg.C

Operating Voltage

Rated voltage ±15%

Professional Design

We Can design to fit any special application requirement



SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
38726	KD1206PFS1.G(9).GN	SUNON	风扇带线式-RoHS	60*60*10mm	12Vdc	4000	0.135A	1.6W	16	28.5	Sleeve
39681	KDE0505PFV1.11.MS.A.GN	SUNON	风扇带线式	50*50*10	5V	5200	0.27A	1.4	13.0	30	VAPO



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深圳: 86-755-83640655

深圳: 100y@163.com

上海: 86-21-34970699

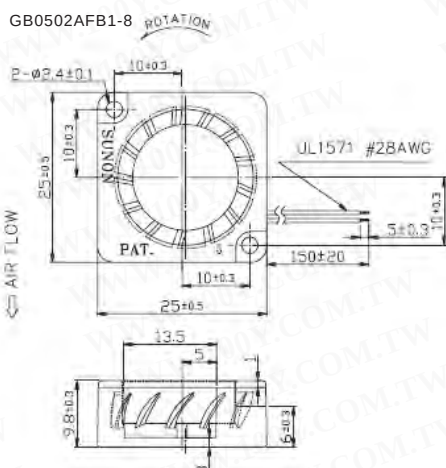
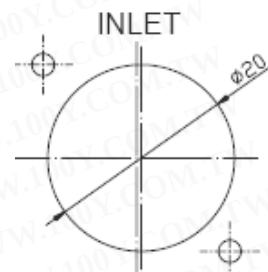
上海: 86-21-64605107

上海: 100y-1@163.com

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DC 风扇

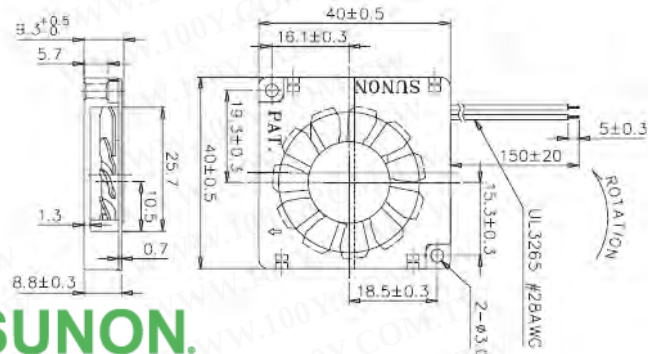
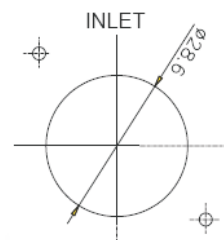


Description: 风扇带线式
Volt.: 5V
r.p.m: 12000
Current(A): 0.18A
Watts: 0.9
Air Flow(CFM): 0.9
Noise (dBA): 34
Ball/Sleeve: Ball
Size(mm): 25*25*10

SUNON.

详细产品规格 - 请点击 cn.100y.com.tw

GB0504AFB1-8
Description: DC 风扇
Volt.: 5V
r.p.m: 6500
Current(A): 0.06
Watts: 0.3
Air Flow(CFM): 1.8
Noise (dBA): 31
Ball/Sleeve: BALL
Size(mm): 40*40*9



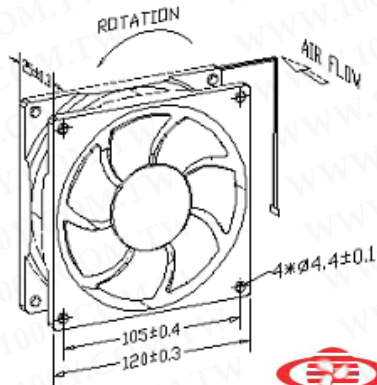
SUNON.

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
25781	GB0502AFB1-8	SUNON	风扇带线式	25*25*10	5V	12000	0.18A	0.9	0.9	34	Ball
23607	GB0504AFB1-8	SUNON	DC 风扇	40*40*9	5V	6500	0.06	0.3	1.8	31	BALL



DF1212025SM-3

电压(VDC): 12/24/48
转速(RPM): 1800-2900
风量(CFM): 62.7-105.04
电流(AMP): 0.13-0.8
功率(WATTS): 3-13.22



F-5*5/4P

Description: 风扇+大4P接头
Volt.: 12V
r.p.m: 2500
Current(A): 0.08
Air Flow(CFM): 28.2
Ball/Sleeve: Sleeve
Size(mm): 50*50*16mm



F-5*5/3P

Description: 风扇+小3P接头
Volt.: 12V
Current(A): 0.08
Watts: 0.96
Ball/Sleeve: Sleeve
Size(mm): 50*50*1.4mm

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
37113	DF1212025SM-3	Dynaon	风扇带线式	120*120*25.4mm	12Vdc	2200	0.38A		76.63	38.64	Sleeve
31124	F-5*5/3P	SCE	风扇+小 3P 接头	50*50*1.4mm	12V		0.08	0.96			Sleeve
36415	F-5*5/4P	SCE	风扇+大 4P 接头	50*50*16mm	12V	2500	0.08		28.2		Sleeve



3610KL-04W-B69

Description: DC 风扇
Volt.: 12V
r.p.m: 3600
Current(A): 0.43A
Watts: 5.16W
Air Flow(CFM): 61.8
Noise (dBA): 44.5
Ball/Sleeve: Ball Bearing
Size(mm): 92mm*92mm*25mm



MCKDE2412PTB2-6A
Description: 风扇
Volt.: 24V
r.p.m: 2800
Current(A): 0.17A
Watts: 4.8W
Air Flow(CFM): 80
Noise (dBA): 11
Ball/Sleeve: BALL
Size(mm): 120*120*25mm

100Y 编号	厂商编号	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
28719	3610KL-04W-B69	DC 风扇	92mm*92mm*25mm	12V	3600	0.43A	5.16W	61.8	44.5	Ball Bearing
22119	MCKDE2412PTB2-6A	风扇	120*120*25mm	24V	2800	0.17A	4.8W	80	11	BALL

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DC 风扇

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KD1204PKV3(MS).M



KD2408PTS1.13.AF



KD2408PTS1.13.A.GN



KD2409PTS1.13.A.GN



KD1206PTS1.H.M

KD2412PTB1-6AR-100cm线
KD2412PTB1-6ARKD2409PTS3.13.A
KD2408PTS3.13.A

60x60x25 mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H2O)	(dBA)	(g)
KD1206PTS1	13	Sleeve	12	0.13	1.6	4400	23.0	0.24	32	73

80x80x25 mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H2O)	(dBA)	(g)
KD2408PTS1	13.A	Sleeve	24	0.08	1.9	3000	40.0	0.18	33	80
KD2408PTS3	13.A	Sleeve	24	0.05	1.2	2300	31.0	0.11	26	80

92x92x25 mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H2O)	(dBA)	(g)
KD2409PTS1	13.A	Sleeve	24	0.09	2.2	2800	49.0	0.16	34	95
KD2409PTS3	13.A	Sleeve	24	0.05	1.2	2200	39.0	0.11	28	95

120X120X25 mm

Model	P/N	Bearing	(VDC)	(AMP)	(WATTS)	(RPM)	(CFM)	(Inch-H2O)	(dBA)	(g)
KD2412PTB1-6A		☉	24	0.22	5.3	3100	90	0.28	44.5	200
KD2412PTS2-6A		☉	24	0.17	4.1	2700	78	0.21	40	200

Motor

Patented Brushless DC motor design.

Frame

Injection molded non-flammable black thermoplastic

UL 94V-0 rating and aluminum

Bearing System :

Precision, life-lubricated ball bearing system

Precision, oil-impregnated sintered sleeve bearing system

Insulation

Class E integral ground system rated @100 Deg C

Insulation Resistance

More than 500M ohm between internal stator and lead

wire(+) measured by DC 500V

Dielectric Strength

600VAC for one minute

Safety Protection :Electronic locked rotor protec

Operating Temperature

-10 to +70 Deg.C

Storage Temperature

-40 to +70 Deg.C

Operating Voltage

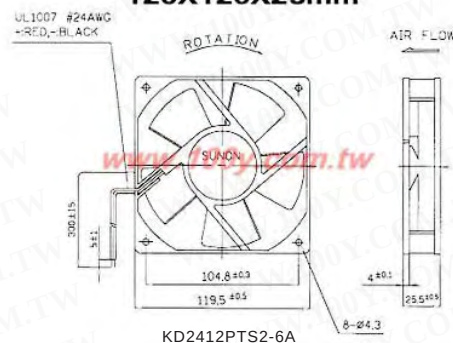
Rated voltage ±15%

Professional Design

We Can design to fit any special application requ

SUNON.

120X120X25mm



KD2412PTS2-6A

100Y 编号	厂商编号	制造厂商	说明	尺寸(mm)	电压	r.p.m	电流(A)	Watts	Air Flow(CFM)	Noise (dBA)	Ball/Sleeve
27079	KD1204PKV3(MS).M	SUNON	风扇带线式	40*40*20	12V	5200	0.05A	0.6W	6.3	18	VAPO
40179	KD1206PTS1.H.M	SUNON	风扇带线式	60*60*25mm	12			1.9			Sleeve
12105	KD1212PTB1-6A	SUNON	风扇带线式	120*120*25	12V	3100		4.8	90	44.5	Ball
28060	KD2405PFS1-8	SUNON	DC 风扇带线式	50*50*10	24V	5400		1	10.2	31.5	Sleeve
33536	KD2408PTS1.13.A.GN	SUNON	DC 风扇带线式	80*80*25mm	24V	3000	0.067	1.6	40	33	Sleeve
28474	KD2408PTS1.13.AF	SUNON	风扇带线式	80*80*25mm	24V	3000	0.08	1.9	40	33	Sleeve
29360	KD2408PTS3.13.A	SUNON	风扇带线式	80*80*25mm	24V	2300	0.05	1.2	31.0	26	Sleeve
39919	KD2409PTS1.13.A.GN	SUNON	风扇带线式	92*92*25mm	24Vdc	2800	0.08	1.9W	49	34	Sleeve
29361	KD2409PTS3.13.A	SUNON	风扇带线式	92*92*25mm	24Vdc	2200	0.05	1.2	39	28	Sleeve
27105	KD2412PTB1-6AR	SUNON	风扇带线式风扇	120*120*25	24V		0.24A				2BALL
28243	KD2412PTB1-6AR-100cm 线	SUNON	风扇带线式风扇	120*120*25	24V		0.24A				2BALL
16227	KD2412PTS2-6A	SUNON	风扇带线式	120*120*25mm	24	2700	0.2A	4.8	78	40	Sleeve Bearing
13334	KS2412PTS2-6A	SUNON	风扇带线式	120*120*25mm	24V	2700		4.8	78	40	Sleeve

更多详细资料请点击 CN.100Y.COM.YW

AC 风扇

详细产品规格 - 请点击 cn.100y.com.tw

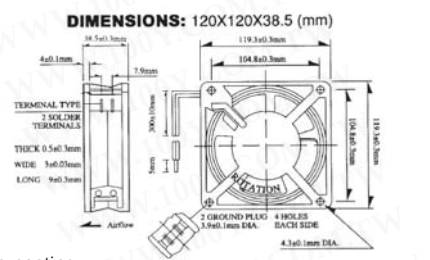


AC AXIAL FAN
DF1A12SH
DF2A12SH

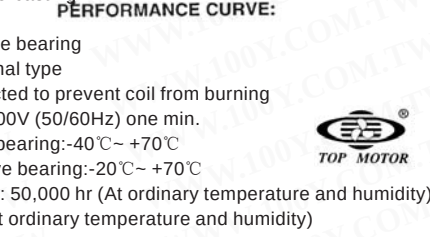
FEATURES

- Frame/Housing: Aluminum die-casting
- Impeller: Plastic 94V-0
- Bearing: Ball bearing or sleeve bearing
- Connects: Lead wire or terminal type
- Protection: Impedance protected to prevent coil from burning
- Insulation Resistance: AC 1500V (50/60Hz) one min.
- Operating Temperature: Ball bearing:-40℃~ +70℃
Sleeve bearing:-20℃~ +70℃
- Life Expectancy: Ball Bearing: 50,000 hr (At ordinary temperature and humidity)
- Sleeve bearing: 20,000 hr. (At ordinary temperature and humidity)

DIMENSIONS: 120X120X38.5 (mm)



PERFORMANCE CURVE:



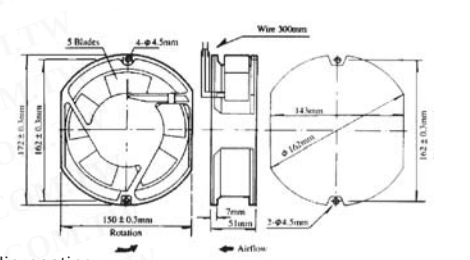


AC AXIAL FAN
DF2A17BH
DF1A17BA

FEATURES

- Frame/Housing: Aluminum die-casting
- Impeller: Plastic 94V-0
- Bearing: Ball bearing or sleeve bearing
- Connects: Lead wire or terminal type
- Protection: Impedance protected to prevent coil from burning
- Insulation Resistance: AC 1500V (50/60Hz) one min.
- Operating Temperature: Ball bearing:-40℃~ +70℃
Sleeve bearing:-20℃~ +70℃
- Life Expectancy: Ball Bearing: 50,000 hr (At ordinary temperature and humidity)
- Sleeve bearing: 20,000 hr. (At ordinary temperature and humidity)

DIMENSIONS: 172X172X38.5 (mm)

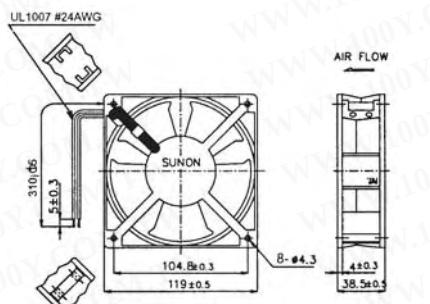


100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
1793	DF1A12SH	Dynaeon	AC 风扇	92/106	120*120*38.5mm	0.21/0.19	17/15 耐热 80/90 度	43/45	110/120	2700/3100	Sleeve
8736	DF1A17BA	Dynaeon	AC 带线风扇	180/205	172*150*51mm	0.42/0.38	35/32	49/51	110/120V	2750/3100	2 Ball
5013	DF2A12SH	Dynaeon	AC 风扇	92/106	120*120*38.5mm	0.10/0.09	17/15	43/45	220/230V	2700/3100	Sleeve
1792	DF2A17BH	Dynaeon	AC 带线风扇	180/205	172*150*51mm	0.22/0.20	35/32 耐热 80/100 度	49/51	220/230V	2750/3100	Ball



DP201A2123HSL
SP201A2123HBL
SP101A1123HSL

SUNON.



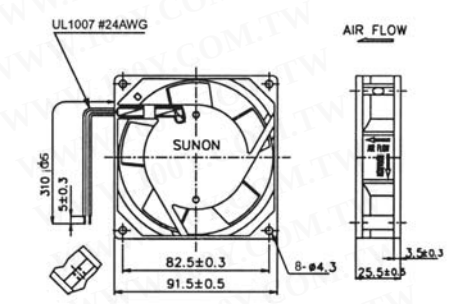
UL1007 #24AWG

AIR FLOW



SF23092A2092HST
SP101A1123HST
SF11592A1092HST

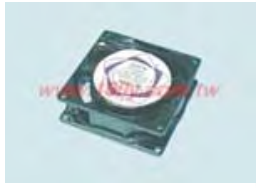
SUNON.



UL1007 #24AWG

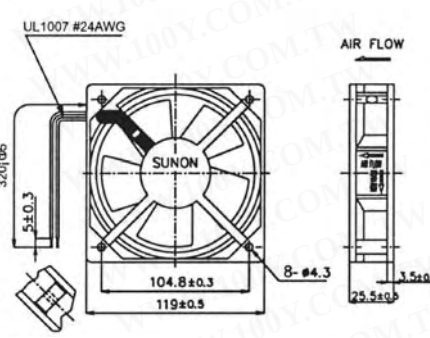
AIR FLOW

100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
2753	DP201A2123HSL	SUNON	AC 风扇	85/105	120*120*38	0.125/0.11	20/19	43/48	220/240	2550/2900	Sleeve
5000	SF11592A1092HST	SUNON	AC 风扇	29/36	92*92*25mm	0.13A	13/12	36/39	115V	2250/2750	Sleeve
10630	SF23092A2092HST	SUNON	"SUNON"230VAC 风扇	29/36	92*92*25mm	0.07/0.06	14.5/14	36/39	220/240	2250/2750	Sleeve
5806	SP101A1123HSL	SUNON	AC 风扇	85/105	120*120*38mm	0.21/0.18	20/18	43/48	115V	2550/2900	Sleeve
23787	SP101A1123HST	SUNON	SUNON_115VAC 风扇	85/105	120*120*38mm	0.21/0.18	20/18	43/48	115V	2550/2900	Sleeve
17849	SP201A2123HBL	SUNON	"SUNON"AC 风扇	87/107	120*120*38	0.125/0.11	20/19	45/50	220/240	2750/3050	Ball



SF23080AT2082HSL

SUNON.



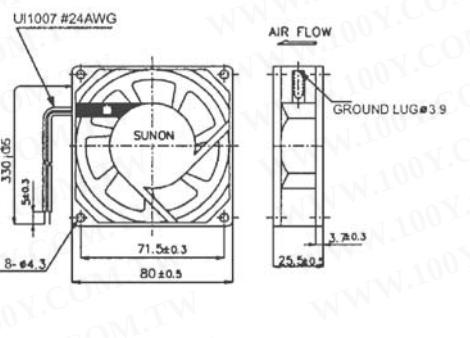
UL1007 #24AWG

AIR FLOW



SP101AT1122HSL
DP201AT2122HST
DP201AT2122HSL
SP101AT1122HST

SUNON.



UL1007 #24AWG

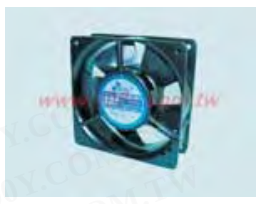
AIR FLOW

GROUND LUG#3 9

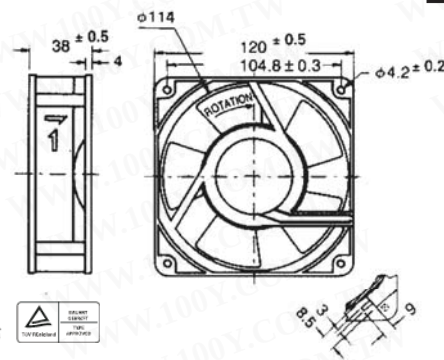
100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
1787	DP201AT2122HSL	SUNON	AC 风扇	64/77	120*120*25mm	0.09/0.09	19/18	43/45	220/240	2000/2200	Sleeve
19737	DP201AT2122HST	SUNON	"SUNON"AC 风扇	64/77	120*120*25mm	0.09/0.09	19/18	43/45	220/240	2000/2200	Sleeve
11420	SF23080AT2082HSL	SUNON	AC 风扇	17/21	80*80*25mm	0.07/0.07	14/13.5	29/33	220/240	2300/2750	Sleeve
11383	SP101AT1122HSL	SUNON	AC 风扇	64/77	120*120*25mm	0.19/0.18	19/18	43/45	115	2000/2200	Sleeve
19738	SP101AT1122HST	SUNON	AC 风扇	64/77	120*120*25mm	0.19/0.18	19/18	43/45	115	2000/2200	Sleeve

AC 风扇

详细产品规格 – 请点击 cn.100y.com.tw



UF12A12-H



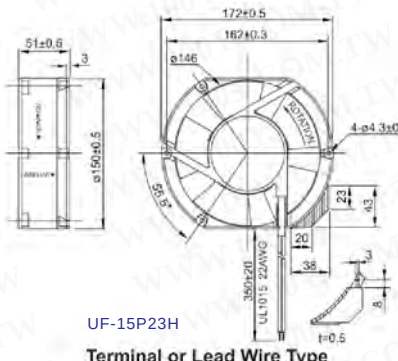
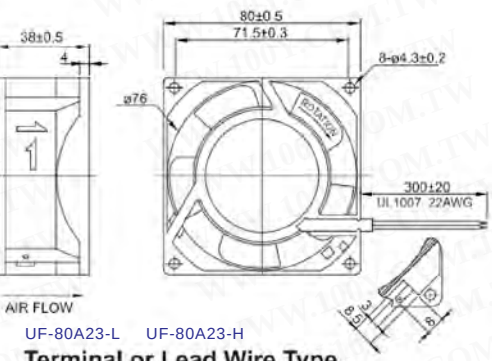
- General:**
- Frame/Housing: Aluminum die-casting or plastic
 - Impeller: Plastic 94V-0
 - Bearing: Ball bearing or sleeve bearing
 - Motor: Shaded pole or capacitor induction
 - Air Direction: Label side direction
 - Connects: Lead wire or terminal type
 - Protection: Impedance protection or thermal protection
 - Insulation Resistance: Above 100MΩ, DC500V
 - Dielectric withstand voltage: AC1500V(50/60Hz) one min.
 - Operating Temperature: Ball bearing: -40℃~70℃
Sleeve bearing: -20℃~70℃
 - Life: Ball bearing: 40,000 hr. (At ordinary temperature and humidity)
Sleeve bearing: 15,000 hr. (At ordinary temperature and humidity)
 - Safety: UL, CSA, VDE, CE, TUV are approved



100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
14671	UF12A12-H	FULLTECH	AC 轴流扇	2.6/3	120*120*38mm	0.19/0.22	17/15	45/47	120VAC	2700/3100	Sleeve



Impedance Protection
UF-80A23-L UF-80A23-H
UF-15P23H



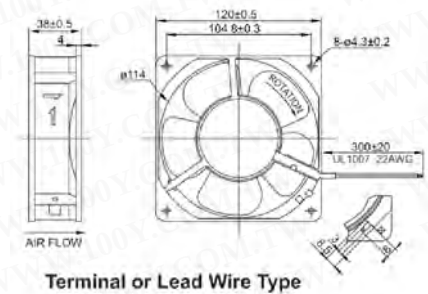
- General:**
- Frame/Housing: Aluminum die-casting or plastic
 - Bearing: Ball bearing or sleeve bearing
 - Air Direction: Label side direction
 - Protection: Impedance protection or thermal protection
 - Dielectric withstand voltage: AC1500V(50/60Hz) one min.
 - Operating Temperature: Ball bearing: -40℃~70℃, Sleeve bearing: -20℃~70℃
 - Life: Ball bearing: 40,000 hr. (At ordinary temperature and humidity), Sleeve bearing: 15,000 hr. (At ordinary temperature and humidity)
 - Safety: UL, CSA, VDE, CE, TUV are approved
- Terminal or Lead Wire Type**
- Impeller: Plastic 94V-0
 - Motor: Shaded pole or capacitor induction
 - Connects: Lead wire or terminal type
 - Insulation Resistance: Above 100MΩ, DC500V



100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	电流(A)	Watts	电压	r.p.m	Ball/Sleeve
29505	UF-15P23H	FULLTECH	FULLTECH AC 风扇	170~195	0.18~0.23		230V	2750~3100	
31766	UF-80A23-H	FULLTECH	FULLTECH AC 风扇	24/30	0.06~0.07	14/12W	230V	2500/3000	Ball
31767	UF-80A23-L	FULLTECH	FULLTECH AC 风扇	20~25	0.05~0.06	14/12	230V	1900~2400	



UF12A23-BTH0
UF12A23-BTL



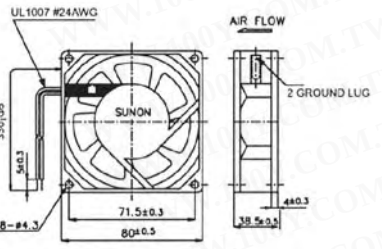
- General:**
- Frame/Housing: Aluminum die-casting or plastic
 - Impeller: Plastic 94V-0
 - Bearing: Ball bearing or sleeve bearing
 - Motor: Shaded pole or capacitor induction
 - Air Direction: Label side direction
 - Connects: Lead wire or terminal type
 - Protection: Impedance protection or thermal protection
 - Insulation Resistance: Above 100MΩ, DC500V
 - Dielectric withstand voltage: AC1500V(50/60Hz) one min.
 - Operating Temperature: Ball bearing: -40℃~70℃
Sleeve bearing: -20℃~70℃
 - Life: Ball bearing: 40,000 hr. (At ordinary temperature and humidity)
Sleeve bearing: 15,000 hr. (At ordinary temperature and humidity)
 - Safety: UL, CSA, VDE, CE, TUV are approved



100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
35001	UF12A23-BTH0	FULLTECH	AC 轴流扇	2.1/2.3	120*120*38mm	0.07~0.09A	17/15	36/38	230V	2100/2300	Sleeve
39368	UF12A23-BTL	FULLTECH	AC 轴流扇	2.1/2.3	120*120*38mm	0.07~0.09A	17/15	36/38	230V	2100/2300	Sleeve



SF11580A1083HSL
SF23080A2083HSL



- SF11580A1083HSL**
Description: AC风扇
Volt.: 115
r.p.m: 2300/2750
Current(A): 0.15/0.13
Watts: 14/12
Air Flow(CFM): 23/30
Noise (dBA): 31/35
Ball/Sleeve: Sleeve
Size(mm): 80*80*38
- SF23080A2083HSL**
Description: AC风扇
Volt.: 220/240
r.p.m: 2300/2750
Current(A): 0.07/0.06
Watts: 14/13.5
Air Flow(CFM): 23/30
Noise (dBA): 31/35
Ball/Sleeve: Sleeve
Size(mm): 80*80*38



100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
2755	SF11580A1083HSL	SUNON	AC 风扇	23/30	80*80*38	0.15/0.13	14/12	31/35	115	2300/2750	Sleeve
2754	SF23080A2083HSL	SUNON	AC 风扇	23/30	80*80*38	0.07/0.06	14/13.5	31/35	220/240	2300/2750	Sleeve

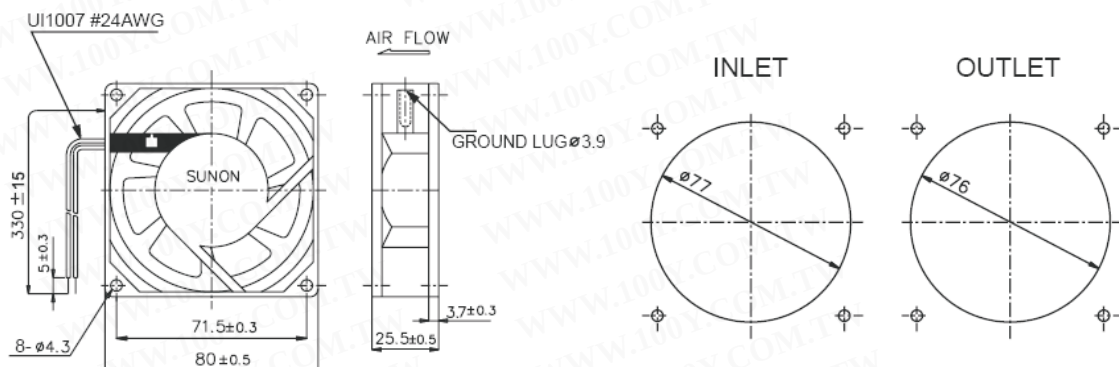


AC 风扇

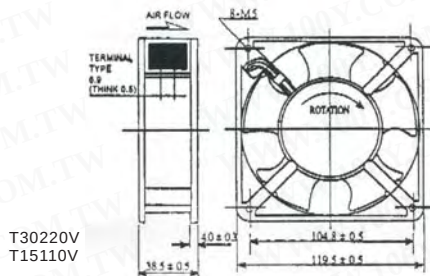
详细产品规格 - 请点击 cn.100y.com.tw

SF11580AT1082HSL.GN

SUNON.



Model	P/N	Bearing ◎ SLEEVE ○ BALL	Rating Voltage (VAC)	Freq. (Hz)	Power Current (AMP)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (Inch-H ₂ O)	Noise (dBA)	Weight (g)
SF11580AT	1082HSL	◎	115	50/60	0.12/0.10	12/11	2300/2750	17/21	0.12/0.18	29/33	260



T30220V

Description: AC 风扇

Volt.: 220~240VAC

r.p.m.: 2700/3100

Current(A): 0.12/0.14A

Watts: 20/24

Air Flow(CFM): 84/100

Noise (dBA): 45/51

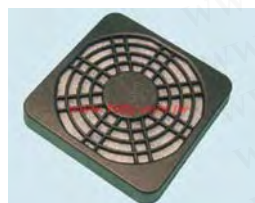
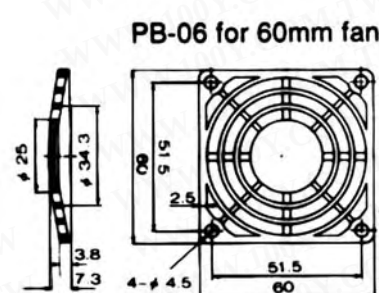
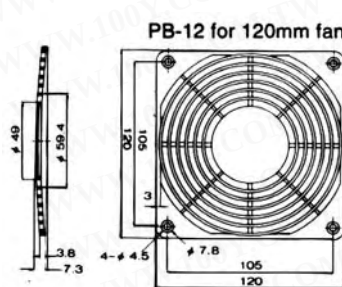
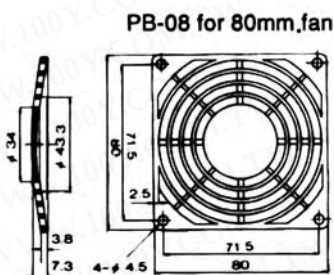
Ball/Sleeve: Sleeve

Size(mm): 120*120mm

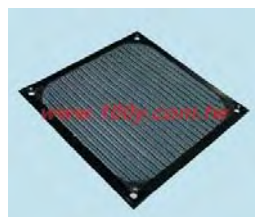
DEMEX

100Y 编号	厂商编号	制造厂商	说明	Air Flow(CFM)	尺寸(mm)	电流(A)	Watts	Noise (dBA)	电压	r.p.m	Ball/Sleeve
39689	SF11580AT1082HSL.GN	SUNON	AC 风扇	17/21	80*80*25mm	0.12/0.10	12/11	29/33	115V	2300/2750	Sleeve
36241	T15110V	DEMEX	AC 风扇	84/100	120*120mm	0.24/0.27A	19/23	45/51	110~120VAC	2700/3100	Sleeve
36242	T30220V	DEMEX	AC 风扇	84/100	120*120mm	0.12/0.14A	20/24	45/51	220~240VAC	2700/3100	Sleeve

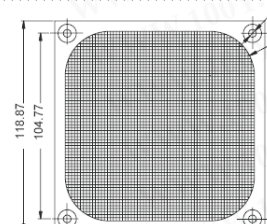
风扇网+滤网

详细产品规格 - 请点击 cn.100y.com.twD-1-2-3-12 过滤网
D-1-2-3-08 过滤网
D-1-2-3-06 过滤网
D-1-2-3-09 过滤网
FG-05

100Y 编号	厂商编号	说明	材质
4016	D-1-2-3-06 过滤网	过滤网 60*60mm	热塑性塑胶
4015	D-1-2-3-08 过滤网	过滤网 80*80mm	热塑性塑胶
31014	D-1-2-3-09 过滤网	过滤网 90*90mm	热塑性塑胶
2191	D-1-2-3-12 过滤网	过滤网 120*120mm	热塑性塑胶
16179	FG-05	FOR 170mm FAN 风扇网 5CM	不 钢



FM-12



FM 12 For 120mm Fan



SUNON.

100Y 编号	厂商编号	说明
24118	FM-12	风扇铁丝网 12CM



服务专线: 台湾: 886-3-5753170

传 真: 台湾: 886-3-5753172

E-mail: 台湾: sale@100y.com.tw

深圳: 86-755-83298787

深圳: 86-755-83640655

深圳: 100y@163.com

上海: 86-21-34970699

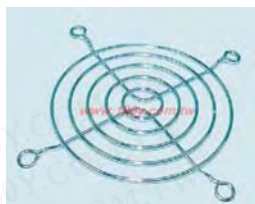
上海: 86-21-64605107

上海: 100y-1@163.com

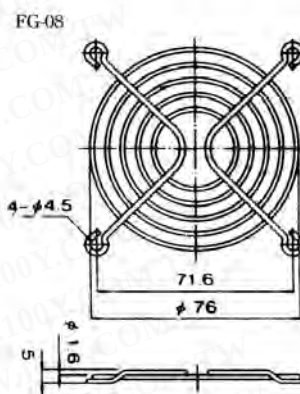
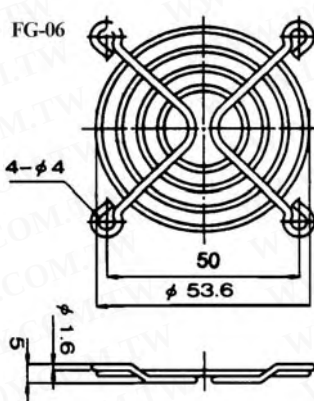
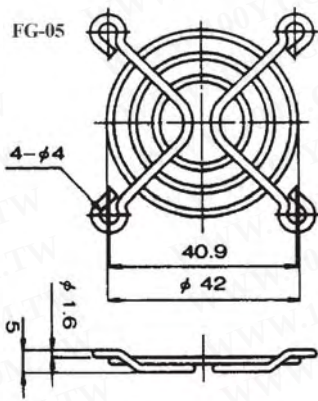
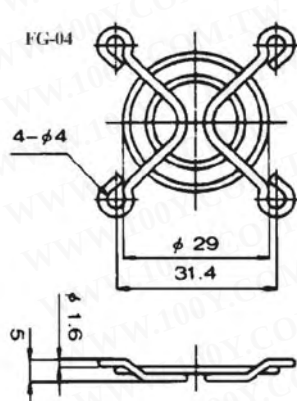
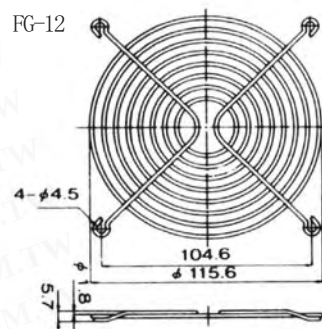
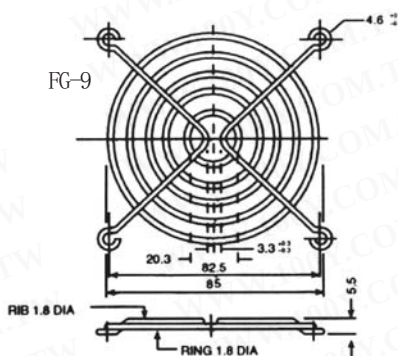
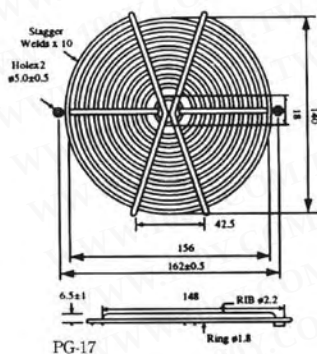
16-21



风扇网+滤网

详细产品规格 - 请点击 cn.100y.com.tw

FG-04
FG-06
FG-08
FG-09
FG-12
FG-16
FG-19



WIRE FORM FINGER

GUARD is designed to ensure safe operation and meet UL.25 dia plug gage test.

Nickel chrome plating is standard finish.

Fan Guards

A range of metal and plastic finger guards suitable for use with the A.C./D.C. fans shown above.

All types of guard are designed to prevent fingers or other similar size objects from coming into contact with the moving parts of the fan. The plastic types are also available with a filter assembly to prevent small dust particles entering the equipment.

SUNON.

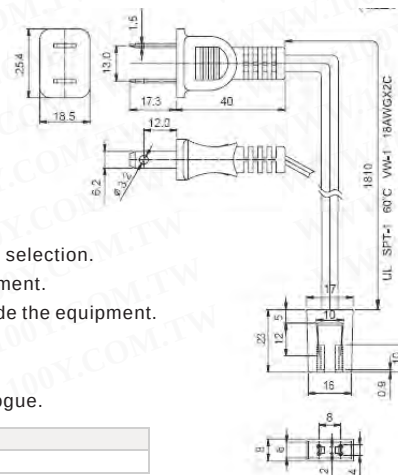
100Y 编号	厂商编号	说明	材质
1774	FG-04	FOR 40mm FAN 风扇网	不 钢
1775	FG-06	FOR 60mm FAN 风扇网	不 钢
1776	FG-08	FOR 80mm FAN 风扇网	不 钢
1777	FG-09	FOR 90mm FAN 风扇网	不 钢
1778	FG-12	FOR 120mm FAN 风扇网	不 钢
2694	FG-16	FOR 160mm FAN 风扇网	不 钢
1779	FG-17	FOR 170mm FAN 风扇网	不 钢

风扇电源插头线

详细产品规格 - 请点击 cn.100y.com.tw

The Performance specification of air flow and static pressure shown in this catalog is measured using the exhaust method. A double chamber is used in accordance with AMCA 210 standard or DIN 24163 specification.

Actual measurements are recorded when the fan speed is stabilized at rated voltage.



The following points should be considered when making fan selection.

1. Determine the amount of heat generated inside the equipment.
2. Calculate the maximum permissible temperature rise inside the equipment.
3. Calculate the air volume necessary from equation.
4. Estimate the system resistance in the unit.
5. Select the fan from performance curves shown in this catalogue.

100Y 编号	厂商编号	说明
15246	A2-10	FAN 电源接头



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深圳: 86-755-83640655

深圳: 100y@163.com

上海: 86-21-34970699

上海: 86-21-64605107

上海: 100y-1@163.com

16-22