



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!



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## New Part Numbering System

0	8	0	2	5	S	A	1	2	M	A	A	0	0
1			2		3	4	5		6	7	8	9	

### 1. Size

Size (mm)	Part #
25	025
30	030
35	035
40	040
50	050
52	052
55	055
60	060
80	080
92	092
119	119
127	127
150	150
172	172

### 2. Thickness

Thickness (mm)	Part #
10	10
15	15
20	20
25	25
28	28
32	32
38	38
50	50
56	56
76	76
100	A0
210	B1

### 3. Series

DC Fan		AC Fan	
Series	Part #	Series	Part #
Other Div.	A	Other Div.	A
Other Div.	B	Other Div.	B
CL	C	FS	F
FB	D	Other Div.	H
EL/WB	E		I
BG/BM/Motorized	G	MS	M
Other Div.	H		O
	I	PC/PS	P
JL	J	HS	S
KL	K	TS	T
GL/ML/NL/SL	M	Other Div.	W
	O		
PL	P		
BT	Q		
RL	R		
SB	S		
FT/JT	T		
VL	V		
Other Div.	W		

### 4. Bearing

Out Ring	Bearing	Part #	
		DC Fan	AC Fan
Steel	Steel	A	B
Steel	Ceramic	C	D
Stainless	Stainless	E	F
Stainless	Ceramic	G	J
Sleeve		S	
Rational Sleeve		M	
HSB Type Sleeve		H	

### 5. Rating Voltage

DC FAN		AC FAN	
Rating Voltage	Part #	Model	Ball Bearing
5V	05	100V	A0
6V	06	115V	A1
9V	09	200V	B0
12V	12	220V	B2
24V	24	230V	B3
36V	36	240V	B4
48V	48	3X0V	CX
		4X0V	DX
		5X0V	EX

### 6. Speed

Current	Part #
0	H
1	J
2	K
3	L
4	M
5	N
6	P
7	Q
8	R
9	S
A	T

### 7. Termination & Supporter

DC Fan			AC Fan		
Casing	Supporter	Part #	Casing	Supporter	Part #
Rib	N/A	A	Flange T 4mm +L/W	N/A	A
	Coating	B		Coating	B
	Potting	C		Potting	C
Flange	N/A	E	Flange T 4mm +T Type	N/A	E
	Coating	F		Coating	F
	Potting	G		Potting	G
Terminal	N/A	N	Flange T 6mm +L/W	N/A	J
	Coating	P		Coating	K
	Potting	Q		Potting	L
Single Flange	N/A	S	Flange T 6mm +T Type	N/A	N
	Coating	T		Coating	P
	Potting	U		Potting	Q
Special	N/A	W	Single Flange	N/A	S
	Coating	Y		Coating	T
	Potting	Z		Potting	U
			Special	N/A	W
				Coating	Y
				Potting	Z

### 8. Output Signal, Speed Control & Protect Function

DC Fan					
Output Signal	Speed Control	Single/Two Phase		Three-Phase	
		Open	Closed	Open	Closed
Standard	Constant	A	C	E	1
None-SI	Variable	B	D	F	2
Lock or Life-S	Constant	L	N	G	3
	Variable	M	P	H	4
TACHO	Constant	T	V	J	5
	Variable	U	W	K	6

AC Fan		
Function	Output Signal	Part #
Impedance Protect	N/A	A
	Yes	B
Impedance Protect - Fuse	N/A	F
	Yes	G
Thermal Protection	N/A	PX4
		QX4
		RX4
Thermal + Fuse	N/A	SX4
2 Voltages	N/A	U
	Yes	V
2 Voltages + Fuse	N/A	W
	Yes	Y

### 9. Individual Specifications

Type	Part #
Standard	00
Custom	01-99
Fan Blade	1 Digit
OEM	1 Digit

