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

Panasonic
ideas for life

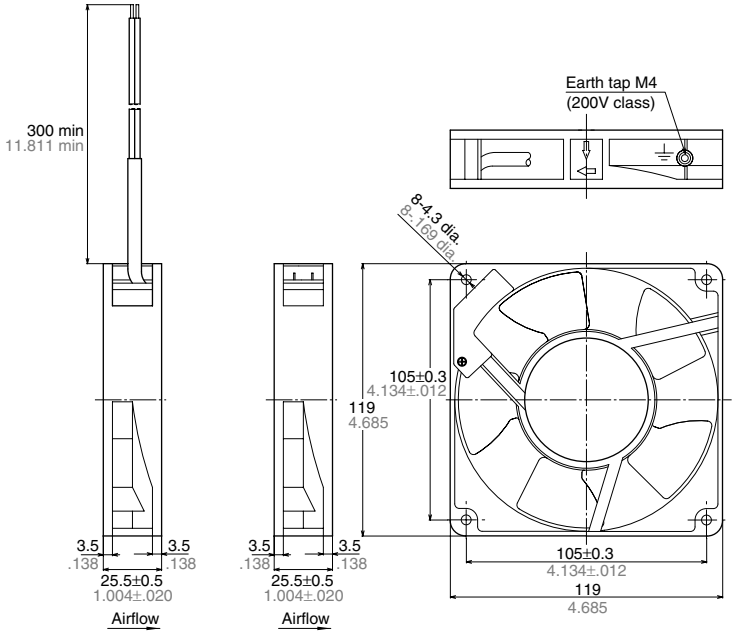
AC Fan Motor

120 sq.×25t (ASEN1)

NEW

RoHS Directive compatibility information
http://www.nais-e.com/

DIMENSIONS (mm inch)



Lead wire type 2 terminals type

RATING

1. Lead wire type, Standard speed

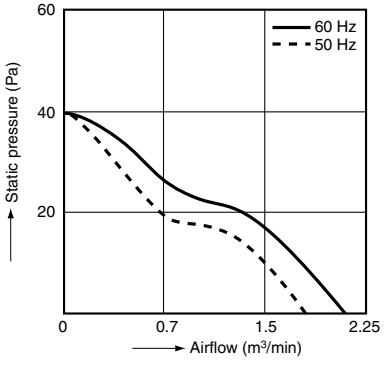
Part number	Rated voltage (V)	Frequency (Hz)	Input power, $^{+10}_{-20}$% (W)	Rated current*1 (mA)	Locked current*3 (mA)	Rotation speed*2 (r/min)	Max. air flow*2 (m³/min)	Max. static pressure*2 (Pa)	Noise*3 (dB(A))	Operating voltage range (V) (%)	Weight (kg)
ASEN10211	100	50/60	14/11	220/180	220/200	2300/2700	1.8/2.0	41.2/41.2	34/38 (42/46)	±10	0.36
ASEN10212	115			190/160	200/180						
ASEN10214	200			110/90	120/100						
ASEN10216	230			100/90	110/100						

2. 2 terminals type, Standard speed

Part number	Rated voltage (V)	Frequency (Hz)	Input power, $^{+10}_{-20}$% (W)	Rated current*1 (mA)	Locked current*3 (mA)	Rotation speed*2 (r/min)	Max. air flow*2 (m³/min)	Max. static pressure*2 (Pa)	Noise*3 (dB(A))	Operating voltage range (V) (%)	Weight (kg)
ASEN102519	100	50/60	14/11	220/180	220/200	2300/2700	1.8/2.0	41.2/41.2	34/38 (42/46)	±10	0.36
ASEN102529	115			190/160	200/180						
ASEN102549	200			110/90	120/100						
ASEN102569	230			100/90	110/100						

*1: Designates maximum values, *2: Designates minimum values, *3: Designates average values
Notes: 1. Values above without designations are averages.
2. Noise level was measured at a distance of 1 m from side of fan. Values in brackets were measured at a distance of 1 m from front of fan.

DATA (Airflow - Static pressure Characteristic Curve)



MATERIALS USED

Frame: aluminum alloy die-casting
Propeller: plastic
Bearings: ball bearings
Lead wires: UL3266 and AWG22
Terminal: Equivalent to Faston #110
Label: 100 V class...black base
200 V class...red base

SPECIFICATIONS

Ambient temperature		–10°C to +60°C +14°F to +140°F
Ambient humidity		15 to 85%RH
Storage temperature		–20°C to +70°C –4°F to +158°F
Breakdown voltage		1,500 V AC for 1 min. (between charging section and frame)
Insulation resistance		Min. 100MΩ (at 500 V DC megger)(between charging section and frame)
Insulation class		UL:A class, CSA:B class
Vibration resistance	Frequency	10 to 55Hz
	Double amplitude width	0.75mm
	Applied direction	X, Y and Z directions
	Applied time	10 min. in each direction
Protection		Impedance protected
Mean life		MTTF: 50,000 hrs. (Time it takes until rotation frequency drops 30% of initial value when run continuously under 25°C 77°F and room humidity at the nominal voltage.)