

**FEATURES:**

- Wide input range: 85-305VAC/100-432VDC
- Short-circuit protection,over current protect,over voltage protect,over temperature protect
- Efficiency(typ):81%
- Switching frequency: 60Khz
- No load power(typ):0.1W
- Flame-retardant case to meet UL94-V0 requirements
- PCB mount

**Selection Guide**

Part No.	INPUT		OUTPUT				CapacitiveLoad(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA5-220S3X3B	220	85-265	3.3	1500			
LA5-220S05B			5	1000			
LA5-220S09B			9	556			
LA5-220S12B			12	420			
LA5-220S15B			15	330			
LA5-220S24B			24	210			
LA5-220S48B			48	60			
LA5-220D05B			+5	500	-5	500	
LA5-220D12B			+12	210	-12	210	
LA5-220D15B			+15	165	-15	165	
LA5-220D24B			+24	100	-24	100	
LA5-220D48			+48	50	-48	50	
LA5-220S05S12B			+5	750	+12	100	
LA5-220T5-12IB			+5	500	+12	100	-12

\*\*customized accepted,pls contact sales for details\*\*

**Input Specifications**

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-265	220	265
Input Filter	Capacitive Filter		
Ctrl	NONE		
	NONE		
Hot Plug	Unavailable		

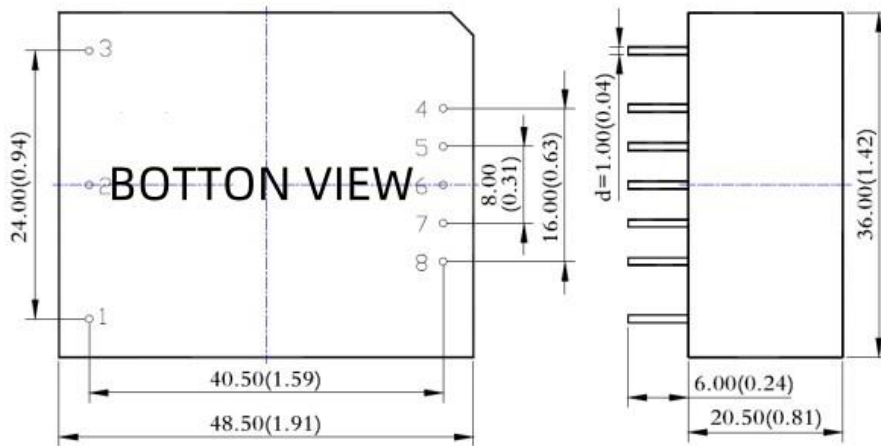
**Output Specifications**

Item	Typ	Max	Test Conditions
Voltage Accuracy	±1%		
Line Regulation	±0.1%		
Load Regulation	±0.5%		
Ripple&Noise	60mVp-p		20MHz Bandwidth, full load

General Specifications		
Switching Frequency	60KHz(Typ)	100% full load, nominal input voltage
Short-Circuit Protection	Continuous, self-recovery	
Isolation (Input-Output)	4000VAC	Input-output electric strength test for 1 minute with a leakage current
Operating Temperature	-25~+75°C	
Storage Temperature	-40~+85°C	
Storage Humidity	<95%	Non-condensing
Cooling Method	Free air convection	
Case Material	Metal case	
Weight	25g (Typ)	

\*\*Unless specified, otherwise all other parameters are tested under the following conditions: nominal input voltage, pure resistive load, 25°C room temperature environment.

**Dimensions and Recommended Layout**



Note:  
Unit: mm[inch]  
Pin diameter tolerances: ± 0.10[± 0.004]  
General tolerances: ± 0.50[± 0.020]

**Pins**

Pin	Single	Dual	Dual Isolation	Triple
1	FG	FG	FG	FG
2	N	N	N	N
3	L	L	L	L
4	+Vo	+Vo	+Vo2	+Vo2
5	No Pin	No Pin	GND2	COM
6	No Pin	COM	No Pin	-Vo2
7	No Pin	No Pin	+Vo1	+Vo1
8	GND	-Vo2	GND1	GND1