

## FEATURES:

- Wide input range: 85-265VAC
- Short-circuit protection, over current protect, over voltage protect, over temperature protect
- Efficiency(typ):81%
- Switching frequency: 60Khz
- No load power(typ):0.1W
- Metal case
- PCB mount

## Selection Guide

Part No.	INPUT		OUTPUT				CapacitiveLoad( $\mu$ F)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA30-220S05A	220	85-265	5	6000			
LA30-220S09A			9	3333			
LA30-220S12A			12	2500			
LA30-220S24A			24	1250			
LA30-220D05A			+5	3000	-5	3000	
LA30-220D12A			+12	1250	-12	1250	
LA30-220D15A			+15	1000	-15	1000	
LA30-220D24A			+24	625	-24	625	

\*\*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	$\pm 1\%$		
Line Regulation	$\pm 0.1\%$		
Load Regulation	$\pm 0.5\%$		
Ripple&Noise	60mVp-p		20MHz Bandwidth, full load

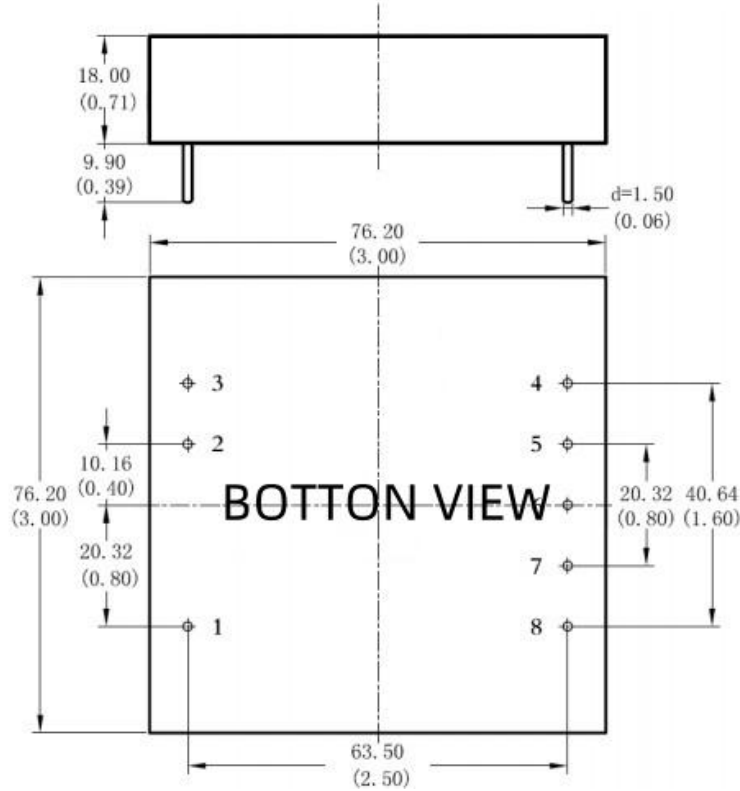
## General Specifications

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	80g (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:  $\pm 0.10[\pm 0.004]$   
General tolerances:  $\pm 0.50[\pm 0.020]$

**Pins**

Pin	Single	Dual	Dual Isolation	
1	FG	FG	FG	
2	Vin	Vin	Vin	
3	Vin	Vin	Vin	
4	-S	Vo2	-Vo1	
5	TRIM	No Pin	+Vo1	
6	+S	GND	No Pin	
7	GND	No Pin	-Vo2	
8	Vo	Vo1	+Vo2	