

## 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				Capacitive Load( $\mu$ F)	
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)		
LA20-220S05	220V	85-265V	5	4000				
LA20-220S09			9	2222				
LA20-220S12			12	1667				
LA20-220S15			15	1333				
LA20-220S24			24	840				
LA20-220D05			+5	2000	-5	2000		
LA20-220D12			+12	830	-12	830		
LA20-220D15			+15	667	-15	667		
LA20-220D24			+24	415	-24	415		
LA20-220D48			+48	208	-48	208		
LA20-220T5-12I			+5	1200	+12	100	-12	100

\*\*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

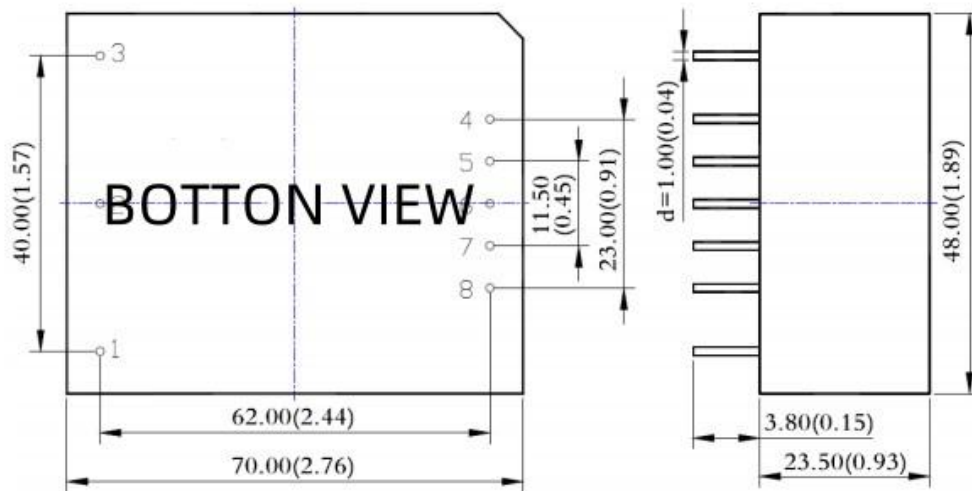
## General Specifications

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	60g (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	+Vo1	+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