

**FEATURES:**

- Wide input range: 85-550VAC
- 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(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA20-400S05	400	85-550	5	4000			
LA20-400S12			12	1667			
LA20-400S15			15	1333			
LA20-400S24			24	833			
LA20-400S48			48	417			

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

**Input Specifications**

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-550	400	550
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

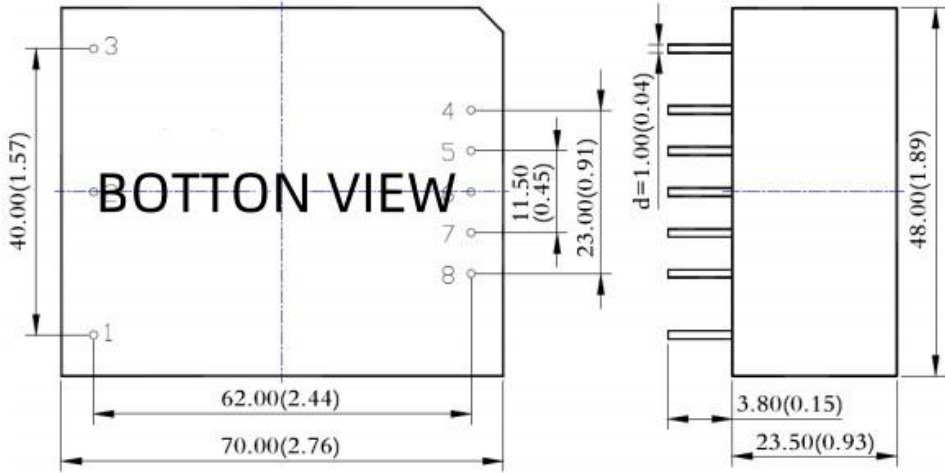
**General Specifications**

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

**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