

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(μ F)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA30-220S05B	220	85-265	5	6000			
LA30-220S09B			9	3333			
LA30-220S12B			12	2500			
LA30-220S15B			15	2000			
LA30-220S24B			24	1250			
LA30-220D05B			+5	3000	-5	3000	
LA30-220D12B			+12	1250	-12	1250	
LA30-220D15B			+15	1000	-15	1000	
LA30-220D24B			+24	625	-24	625	

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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

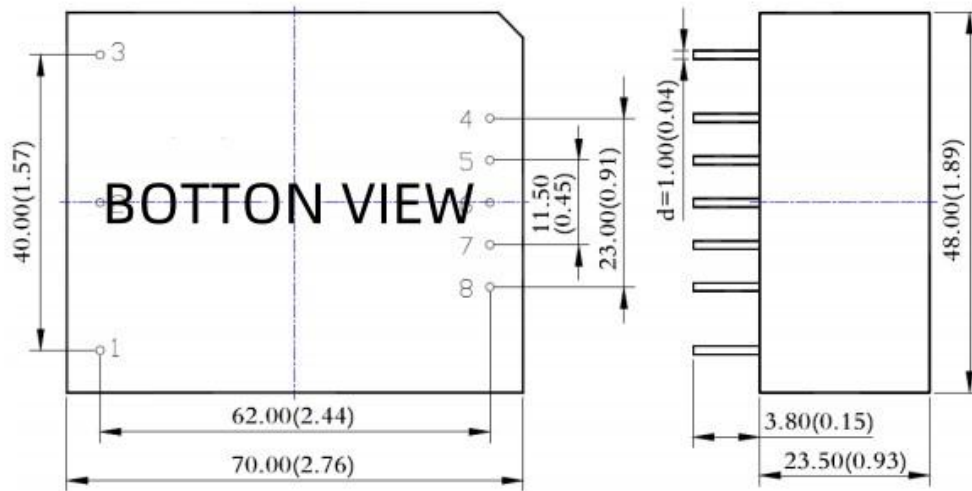
General Specifications

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	100g (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