

FEATURES:

- Wide input range: 85-265VAC
- Short-circuit protection, over current protect, over voltage protect, over temperature protect
- Efficiency(typ):81%
- Switching frequency: 65Khz
- No load power(typ):0.1W
- Metal case
- PCB mount



Selection Guide

Part No.	INPUT		OUTPUT				Capacitive Load(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA30-220S05	220	85-265	5	6000			
LA30-220S09			9	3333			
LA30-220S12			12	2500			
LA30-220S15			15	2000			
LA30-220S24			24	1250			
LA30-220D05			+5	3000	-5	3000	
LA30-220D12			+12	1250	-12	1250	
LA30-220D15			+15	1000	-15	1000	
LA30-220D24			+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	±1%		
Line Regulation	±0.5%		
Load Regulation	±0.5%		
Ripple&Noise	50mVp-p(typ)		20MHz Bandwidth, full load

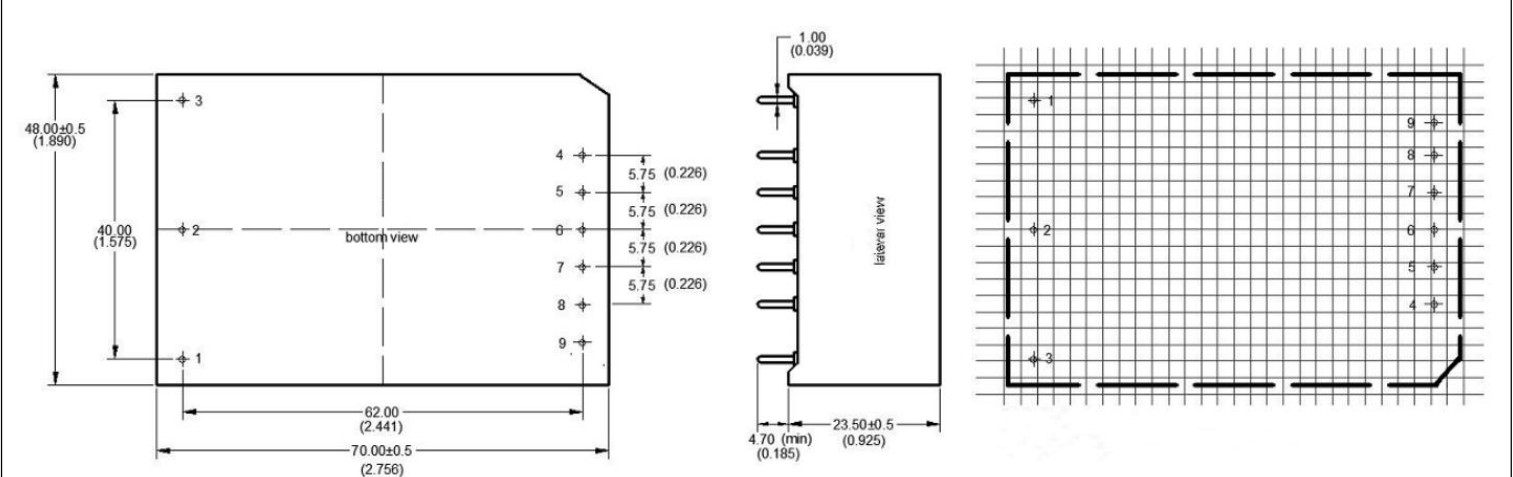
General Specifications

Switching Frequency	65KHz(Typ)	100% full load, nominal input voltage
Short-Circuit Protection	Continuous, self-recovery	
Isolation (Input-Output)	2500VAC	Input-output electric strength test for 1 minute with a leakage current

Operating Temperature	-25~+75℃	
Storage Temperature	-40~+85℃	
Storage Humidity	<95%RH	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℃ room temperature environment.

Dimensions and Recommended Layout



Unit:mm(inch)

Pins

Pin	Single	Dual		
1	FG	FG		
2	N	N		
3	L	L		
4	+Vo	+Vo		
5	No Pin	No Pin		
6	No Pin	COM		
7	No Pin	No Pin		
8	-Vo	-Vo		

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