

## FEATURES:

- Wide input range: 85-305VAC
- Short-circuit protection, over current protect, over voltage protect, over temperature protect
- Efficiency(typ):85%
- Switching frequency: 65Khz
- No load power(typ):0.1W
- Plastics case
- PCB mount



## Selection Guide

Part No.	INPUT		OUTPUT				Capacitive Load(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LD15-23B03R2-M	220V	85-305V	3.3	4000			8000
LD15-23B05R2-M			5	3000			8000
LD15-23B09R2-M			9	1670			5600
LD15-23B12R2-M			12	1250			4200
LD15-23B15R2-M			15	1000			3300
LD15-23B24R2-M			24	625			1000

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

## Input Specifications

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-305	220	305
Input Filter	Capacitive Filter		
Ctrl	NONE		
	NONE		
Hot Plug	Unavailable		

## Output Specifications

Item	Typ	Max	Test Conditions
Voltage Accuracy	±2%		
Line Regulation	±0.5%		
Load Regulation	±1%		
Ripple&Noise	75mVp-p(typ)	120mVp-p	20MHz Bandwidth, full load

## General Specifications

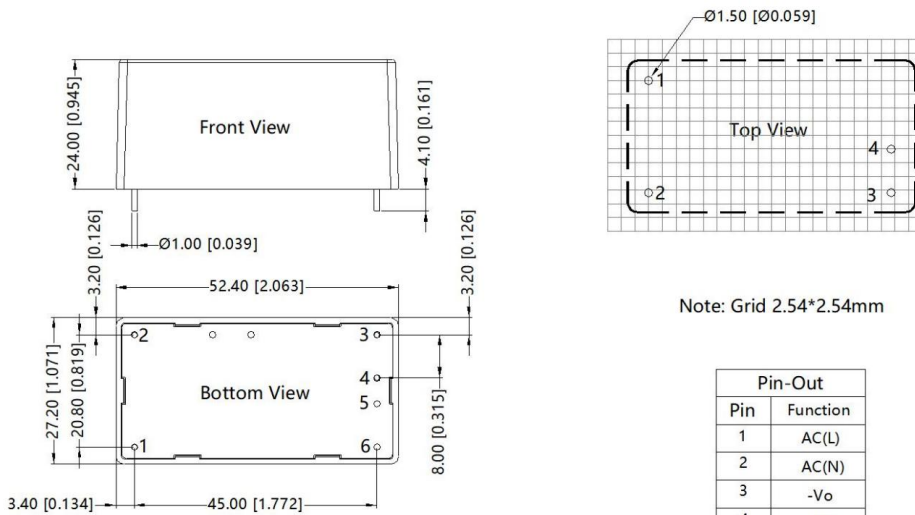
Switching Frequency	65KHz(Typ)	100% full load, nominal input voltage
Short-Circuit Protection	Continuous, self-recovery	
Isolation (Input-Output)	4000VAC	Input-output electric strength test for 1 minute with a leakage current
Operating Temperature	-40~+85°C	
Storage Temperature	-55~+105°C	
Storage Humidity	<95%RH	Non-condensing

Cooling Method	Free air convection	
Case Material	Plastics case	
Weight	50g (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**

THIRD ANGLE PROJECTION



Note:  
Unit: mm[inch]  
Pin diameter tolerances: ±0.10[±0.004]  
General tolerances: ±0.50[±0.020]

Pin-Out	
Pin	Function
1	AC(L)
2	AC(N)
3	-Vo
4	+Vo
5	No Pin
6	No Pin

**Pins**

Pin	Single			
1	L			
2	N			
3	-Vo			
4	+Vo			
5	No Pin			
6	No Pin			

\*The final interpretation right of the product belongs to ECCO ELECTRONICS.