

## 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            |                 |                   |                 | CapacitiveLoad( $\mu$ F) |
|--------------|-----------------|----------------|-------------------|-----------------|-------------------|-----------------|--------------------------|
|              | Normal<br>(Vac) | Range<br>(Vac) | Voltage<br>(V1dc) | current<br>(mA) | Voltage<br>(V2dc) | current<br>(mA) |                          |
| LA5-220S2X1C | 220V            | 85-265V        | 2.1               | 1000            |                   |                 |                          |
| LA5-220S3X3C |                 |                | 3.3               | 1000            |                   |                 |                          |
| LA5-220S05C  |                 |                | 5                 | 1000            |                   |                 |                          |
| LA5-220S06C  |                 |                | 6                 | 830             |                   |                 |                          |
| LA5-220S09C  |                 |                | 9                 | 550             |                   |                 |                          |
| LA5-220S12C  |                 |                | 12                | 420             |                   |                 |                          |
| LA5-220S15C  |                 |                | 15                | 330             |                   |                 |                          |
| LA5-220S18C  |                 |                | 18                | 280             |                   |                 |                          |
| LA5-220S24C  |                 |                | 24                | 210             |                   |                 |                          |
| LA5-220S48C  |                 |                | 48                | 104             |                   |                 |                          |
| LA5-220D3V3C |                 |                | +3.3              | 500             | -3.3              | 500             |                          |
| LA5-220D05C  |                 |                | +5                | 500             | -5                | 500             |                          |
| LA5-220D06C  |                 |                | +6                | 420             | -6                | 420             |                          |
| LA5-220D09C  |                 |                | +9                | 275             | -9                | 275             |                          |
| LA5-220D12C  |                 |                | +12               | 210             | -12               | 210             |                          |
| LA5-220D15C  |                 |                | +15               | 165             | -15               | 165             |                          |
| LA5-220D24C  |                 |                | +24               | 100             | -25               | 100             |                          |
| LA5-220D48C  |                 |                | +48               | 50              | -48               | 50              |                          |

\*\*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               |                       |           |

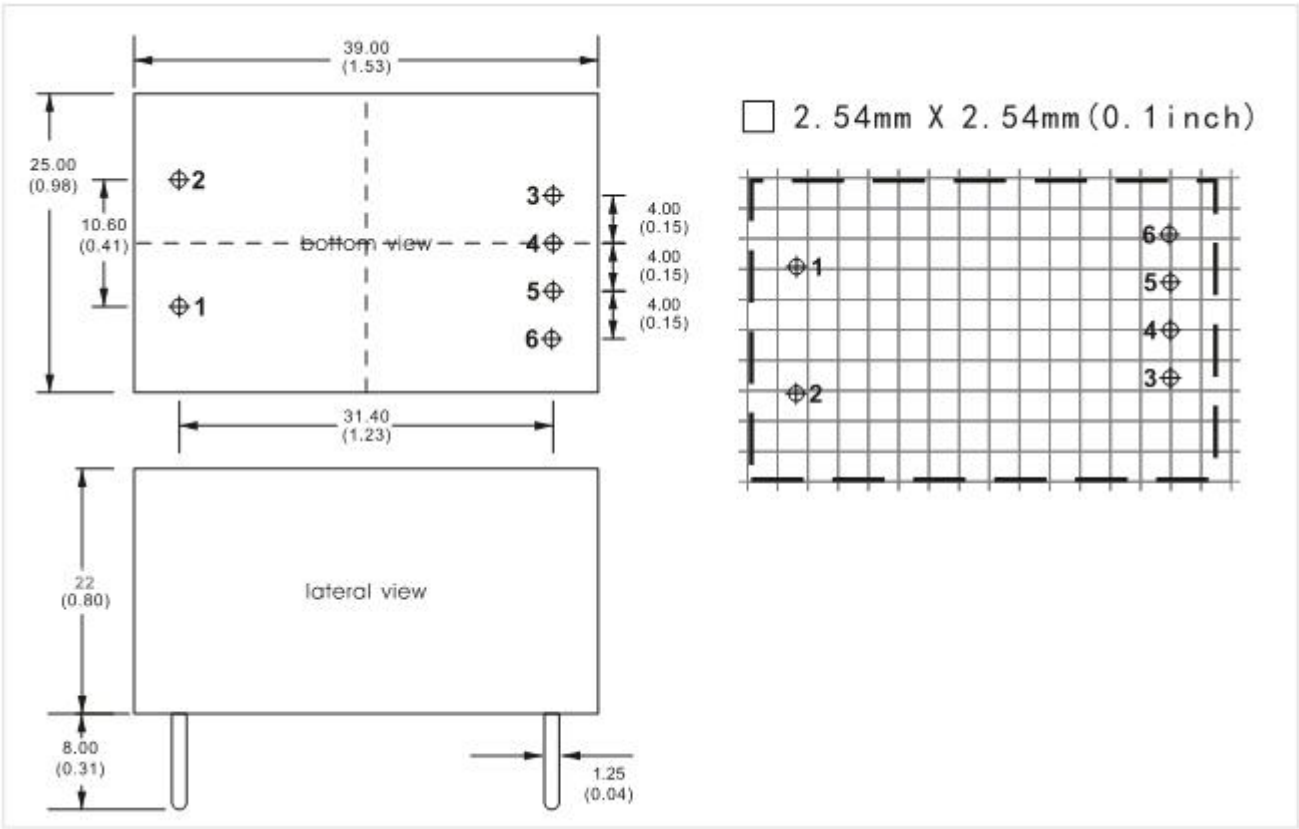
## Output Specifications

| Item | Typ | Max | Test Conditions |
|------|-----|-----|-----------------|
|------|-----|-----|-----------------|

|                          |                           |                                                                         |                            |
|--------------------------|---------------------------|-------------------------------------------------------------------------|----------------------------|
| Voltage Accuracy         | ±1%                       |                                                                         |                            |
| Line Regulation          | ±0.1%                     |                                                                         |                            |
| Load Regulation          | ±0.5%                     |                                                                         |                            |
| Ripple&Noise             | 60mVp-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) | 2500VAC                   | Input-output electric strength test for 1 minute with a leakage current |                            |
|                          |                           |                                                                         |                            |
| Operating Temperature    | -25~+75℃                  |                                                                         |                            |
| Storage Temperature      | -40~+85℃                  |                                                                         |                            |
| Storage Humidity         | <95%                      |                                                                         | Non-condensing             |
| Cooling Method           | Free air convection       |                                                                         |                            |
| Case Material            | Metal case                |                                                                         |                            |
| Weight                   | 25g (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   | Dual Isolation |  |
|-----|--------|--------|----------------|--|
| 1   | N      | N      | N              |  |
| 2   | L      | L      | L              |  |
| 3   | +Vo    | +Vo    | +Vo1           |  |
| 4   | No Pin | COM    | GND1           |  |
| 5   | GND    | -Vo2   | GND2           |  |
| 6   | No Pin | No Pin | +Vo2           |  |

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