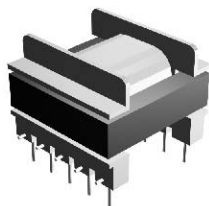


# E25 - 3 or 1 Outputs: 5+12/12V or 24V Switching Transformer

**Meisongbei**



## Features

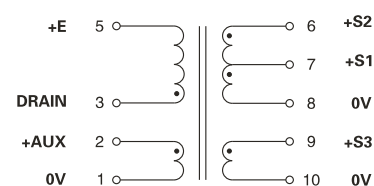
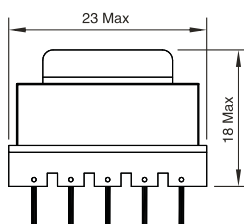
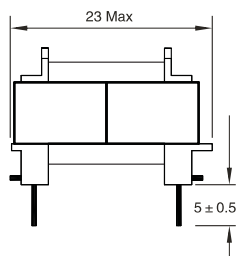
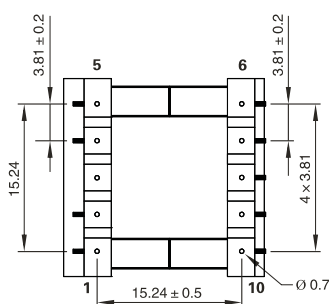
- Primary / Secondary Insulation  $\geq 4000V$
- Primary / Auxiliary Insulation  $\geq 1500V$
- Creepage distances Primary / secondary  $\geq 6mm$

## Applications

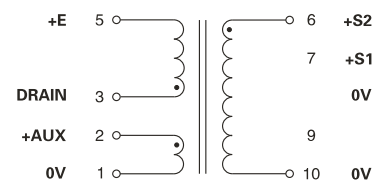
- AC-DC converters
- DC-DC converters
- Switch Power supplies
- SMPS: Flyback
- SMPS: Half Bridge and Full Bridge

## Physical Characteristics (Unit:mm)

## Schematic



E2501



E2502

Pin 4 Removed  
PCB Hole Diameter=1.1mm

## Electrical Characteristics

Part Number	Output Power max	Windings					Inductance ( $\pm 10\%$ )	Ambient Temperature	Frequency
			Pins	Turns	Voltage	Current (max)			
E2501	30VA	Pri	3-5	70	185 - 265 Vrms	1.5 Apeak	750 uH	<50°C	132KHz
		Aux	2-1	8	7 - 14.5 Vdc	1 Adc			
		S1	7-8	4	3.3 - 7 Vdc	3 Adc			
		S2	6-8	9	8 - 16 Vdc	1.5 Adc			
		S3	9-10	9	8 - 16 Vdc	1.5 Adc			
E2502	35VA	Pri	3-5	72	185 - 265 Vrms	1.1 Apeak	1100 uH	<50°C	132KHz
		Aux	2-1	10	8 - 16 Vdc	1 Adc			
		S1	6-10	8	15 - 30 Vdc	1.4 Adc			