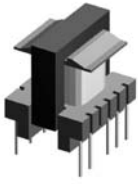


# E16 - Single Output: 5 or 12V Switching Transformer

**Meisongbei**



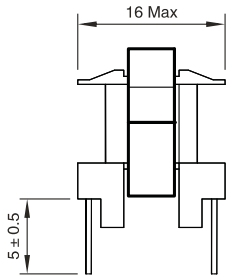
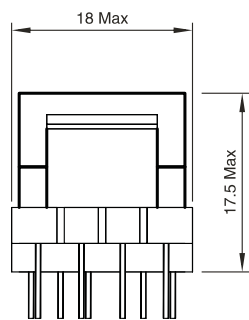
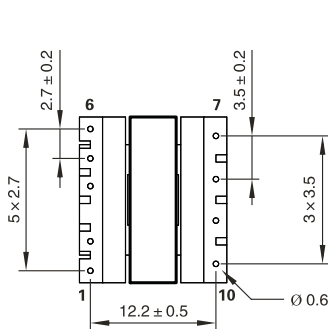
## Features

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

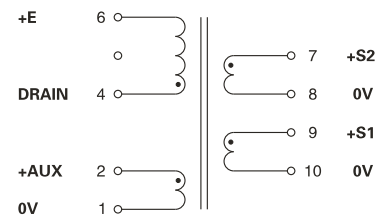
## Applications

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

## Physical Characteristics (Unit:mm)



## Schematic



Pin 3 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)			
E1607	5VA	Pri	4-6	138	85 - 265 Vrms	0.27 Apeak	3900 uH	<70°C	132KHz
		Aux	2-1	16	7 - 14 Vdc	0.1 Adc			
		S1	9-10	8	3.3 - 7 Vdc	1.2 Adc			
		S2	7-8	19	8 - 17 Vdc	0.4 Adc			