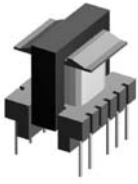


# E16 - 3 Output: 5 / 15 / 24V Switching Transformer

**Meisongbei**



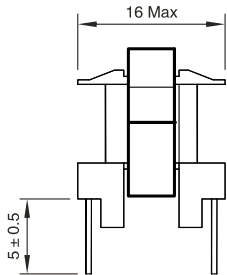
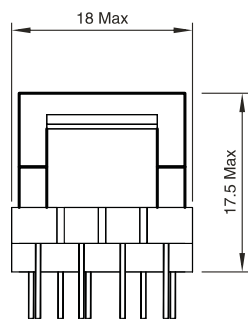
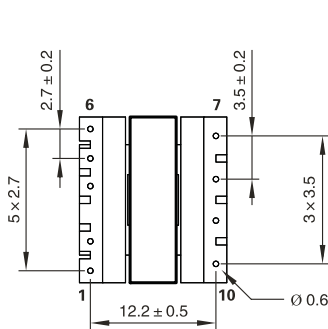
## Features

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

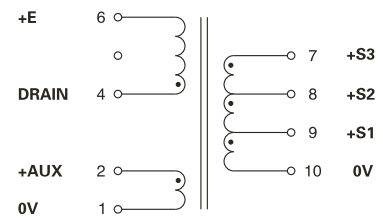
## Applications

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

## Physical Characteristics (Unit:mm)



## Schematic



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)			
E1612	12VA	Pri	4-6	120	185 - 265Vrms	0.5 Apeak	1800 uH	<50°C	132KHz
		Aux	2-1	14	12 Vdc	0.2 Adc			
		S1	9-10	6	5 Vdc	1.5 Adc			
		S2	8-10	17	15 Vdc	0.6 Adc			
		S3	7-10	27	24 Vdc	0.4 Adc			