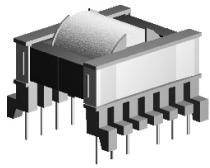


# ETD39 4 Outputs: 5+12V / 5+12V Switching Transformer

**Meisongbei**



## Features

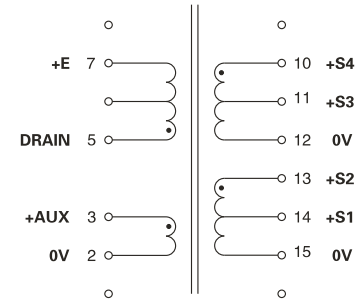
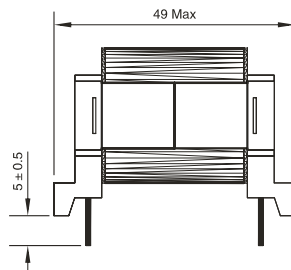
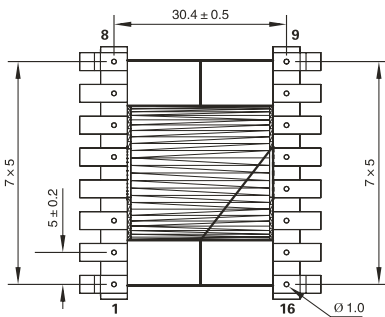
- Primary / Secondary Insulation  $\geq 4000V$
- Primary / Auxiliary Insulation  $\geq 1500V$
- Creepage distances Primary / secondary  $\geq 8mm$

## Applications

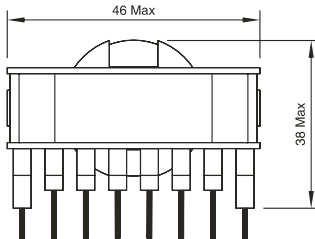
- AC-DC converters
- DC-DC converters
- Switch Power supplies
- SMPS: Flyback
- SMPS: Half Bridge and Full Bridge

## Physical Characteristics (Unit:mm)

## Schematic



Pin 4 Removed  
PCB Hole Diameter=1.5mm



## Electrical Characteristics

Part Number		Output Power max	Windings					Inductance ( $\pm 10\%$ )	Ambient Temperature
				Pins	Turns	Voltage	Current (max)		
ETD3901	74060	140W	Pri	5-7	36	65 - 125 (VOR)	4 Apeak	440 $\mu$ H	<50°C
			Aux	3-2	4	7 - 14 Vdc	0.5 Adc		
			S1	14-15	2	3.3 - 6.5 Vdc	5 Adc		
			S2	13-15	5	8.5 - 17 Vdc	5 Adc		
			S3	11-12	2	3.3 - 6.5 Vdc	5 Adc		
			S4	10-12	5	8.5 - 17 Vdc	5 Adc		