

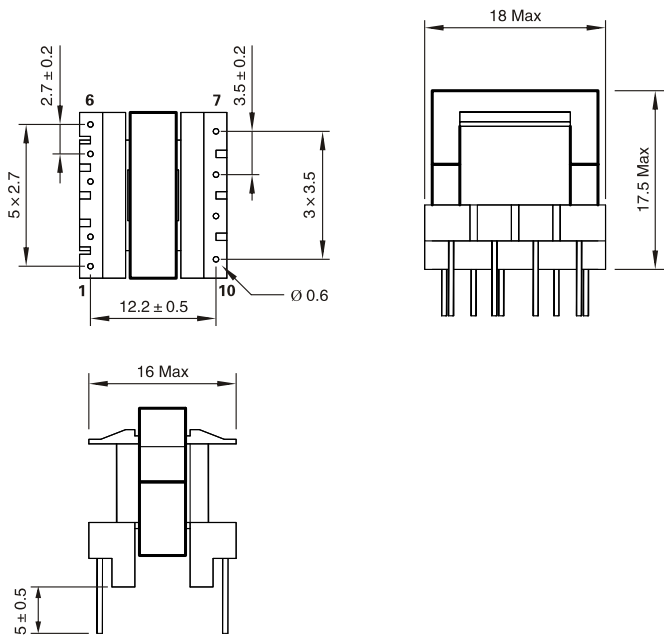
### Features

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

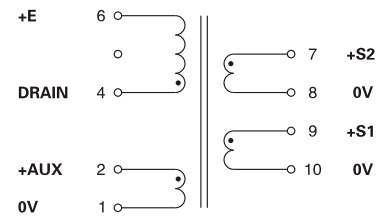
### Applications

- 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	
			Pins	Turns	Voltage	Current (max)			
E1613	74010	12W	Pri	4-6	120	60 - 125 (VOR)	0.55 Apeak	1660 uH	<50°C
			Aux	2-1	14	7 - 14 Vdc	0.1 Adc		
			S1	9-10	7	3.3 - 7 Vdc	2 Adc		
			S2	7-8	17	8 - 17 Vdc	1 Adc		