

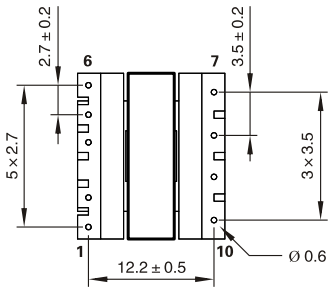
Features

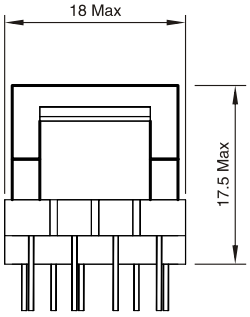
- Primary / Secondary Insulation ≥ 4000V

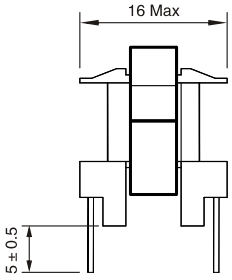
Applications

- AC-DC converters
- DC-DC converters
- Switch Power supplies
- SMPS: Flyback, Forward and Push-pull
- SMPS: Half Bridge and Full Bridge

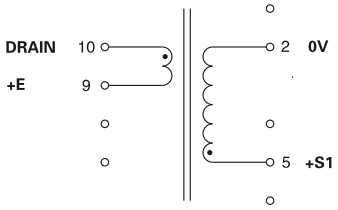
Physical Characteristics (Unit:mm)







Schematic



Pin 3 Removed
PCB Hole Diameter=1.1mm

Electrical Characteristics

Part Number		Output Power max	Windings					Ambient Temperature
				Pins	Turns	Voltage	Current (max)	Inductance (±10%)	
E1601	74090	1.5W	Pri	10-9	228	50 - 95 (VOR)	0.28 Apeak	6000 uH	<85°C
			S1	5-2	16	3.3 - 6 Vdc	1.4 Adc		
E1602	74091	1.5W	Pri	10-9	228	65 - 130 (VOR)	0.28 Apeak	6000 uH	<85°C
			S1	5-2	28	7.5 - 15 Vdc	0.2 Adc		
E1603	74092	3.1W	Pri	10-9	191	55 - 100 (VOR)	0.34 Apeak	4200 uH	<70°C
			S1	5-2	13	3.3 - 6 Vdc	0.9 Adc		
E1604	74093	3.1W	Pri	10-9	191	65 - 125 (VOR)	0.34 Apeak	4200 uH	<70°C
			S1	5-2	24	7.5 - 15 Vdc	0.4 Adc		
E1605	74094	9W	Pri	10-9	135	55 - 100 (VOR)	0.48 Apeak	2100 uH	<60°C
			S1	5-2	9	3.3 - 6 Vdc	1.5 Adc		
E1606	74095	9W	Pri	10-9	135	65 - 125 (VOR)	0.48 Apeak	2100 uH	<60°C
			S1	5-2	17	7.5 - 15 Vdc	0.9 Adc		