



T74050 SERIES

60-90W, ETD34, Four Output, Flyback Transformer (Ferrite Core)

FEATURES

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

OPTIONS

- Bulk packaging is standard
- Custom design available

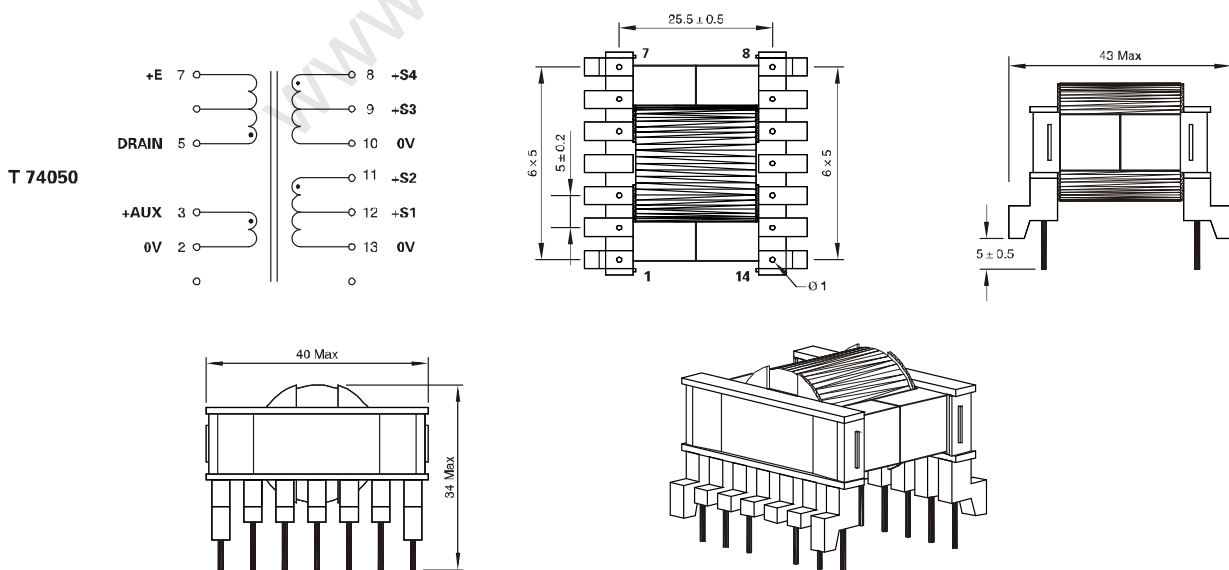
APPLICATIONS

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

Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Infineon	TDA16834	185-265 Vrms	80W	100 kHz
Infineon	TDA16836	85-265 Vrms	60W	100 kHz
Motorola	MC33373	185-265 Vrms	80W	100 kHz
Motorola	MC33373	85-265 Vrms	60W	100 kHz
Power Integrations	TOP246Y	185-265 Vrms	90W	132 kHz
Power Integrations	TOP246Y	85-265 Vrms	60W	66 or 132 kHz
ST Microelectronics	VIPer100A	185-265 Vrms	80W	70 kHz
ST Microelectronics	VIPer100A	85-265 Vrms	60W	70 kHz

SIZE ETD34 - 4 OUTPUTS : 5 + 12/12v - FLYBACK TRANSFORMER							
Part Number	Output Power Max.	Windings				Inductance ($\pm 10\%$)	
		Pins	Turns	Voltage	Current max		
T74050	90W	Pri	5-7	36	65-125(VOR)	2.8 Apeak	500 μ H
		Aux	3-2	4	7-14 Vdc	0.5 Adc	
		S1	12-13	2	3.3-6.5	5 Adc	
		S2	11-13	5	8.5-17 Vdc	3 Adc	
		S3	9-10	2	3.3-6.5	5 Adc	
		S4	8-10	5	8.5-17 Vdc	3 Adc	

- Ambient temperature $< 50^{\circ}C$
- Construction conforms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94V-0 listed materials



Note: PIN 4 Removed, PCB Drilling Diameter = 1.5mm

Note: All dimensions in mm