



T74030, T74032 SERIES

15-30W, E25, One or Three 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

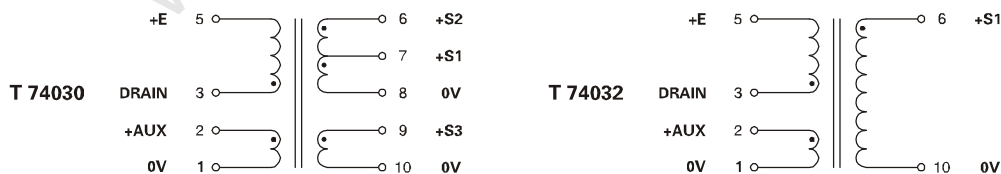
APPLICATIONS

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

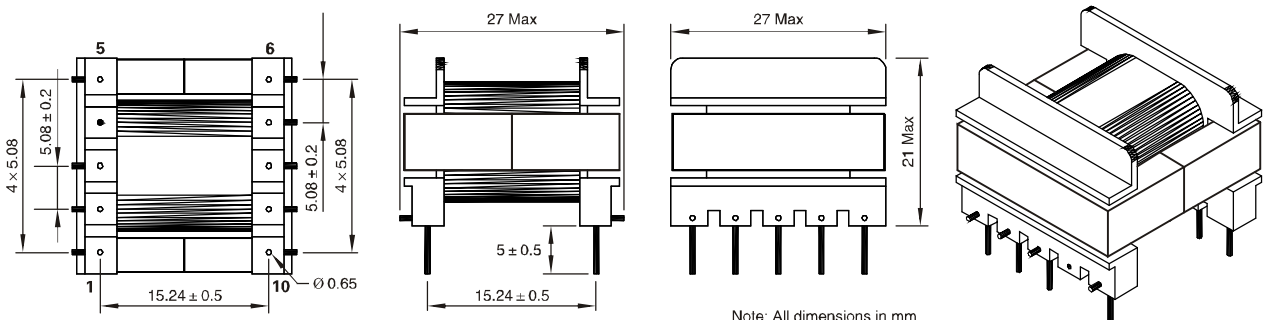
Part No.	Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
T 74030	Fairchild	KA1 H0265R	85-265 Vrms	22W	100 kHz
	Infineon	TDA16832	185-265 Vrms	30W	100 kHz
	Motorola	MC33371	85-265 Vrms	22W	100 kHz
	Motorola	MC33371	185-265 Vrms	30W	100 kHz
	Power Integrations	TOP244P	185-265 Vrms	30W	132 kHz
	Power Integrations	TOP244Y	85-265 Vrms	25W	66 or 132kHz
	ST Microelectronics	VIPer50	85-265 Vrms	22W	70 kHz
	ST Microelectronics	VIPer50	185- 65 Vrms	30W	70 kHz
T 74032	Power Integrations	TOP244P	185-265 Vrms	25W	132 kHz

E25 - 3 or 1 OUTPUTS : 5 + 12/12v or 24v - FLYBACK TRANSFORMER							
Part Number	Output Power Max.	Windings					Inductance ($\pm 10\%$)
			Pins	Turns	Voltage	Current max	
T 74030	30W	Pri	3-5	70	65-130 (VOR)	1.5 Apeak	750 μ H
		Aux	2-1	8	7-14.5 Vdc	1 Adc	
		S1	7-8	4	3.3.2007	3 Adc	
		S2	6-8	9	8-16 Vdc	1.5 Adc	
		S3	9-10	9	8-16 Vdc	1.5 Adc	
T 74032	35W	Pri	3-5	72	65-125 (VOR)	1.1 Apeak	1100 μ H
		Aux	2-1	10	8-16 Vdc	1 Adc	
		S1	6-10	18	15-30 Vdc	1.4 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 = 1.4mm



Note: All dimensions in mm