



T74023 SERIES

10-18W, EL19, Five 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

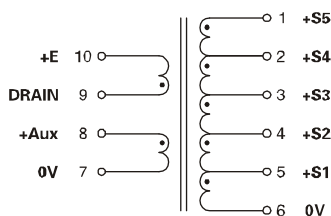
APPLICATIONS

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

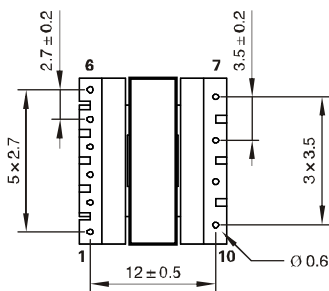
Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Power Integrations	TOP243P	185 - 265 Vrms	16W	132 kHz
Power Integrations	TOP243P	85 - 265 Vrms	12W	132 kHz

SIZE EL19 - 5 OUTPUTS : 3.3/5/12/18/30v - FLYBACK TRANSFORMER							
Part Number	Output Power Max.	Windings					Inductance ($\pm 10\%$)
			Pins	Turns	Voltage	Current max	
T 74023	16W	Pri	9-10	120	110 (VOR)	0.85 Apeak	1250 μ H
		Aux	8-7	17	15 Vdc	0.2 Adc	
		S1	5-6	4	3.3 Vdc	2 Adc	
		S2	4-6	6	5 Vdc	Sum S1+S2	
		S3	3-6	14	12 Vdc	0.8 Adc	
		S4	2-6	20	18 Vdc	0.8 Adc	
		S5	1-6	33	30 Vdc	0.2 Adc	

- Ambient temperature $< 60^{\circ}C$
- Construction conforms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94V-0 listed materials



Note: PCB Drilling Diameter = 1.1mm



Note: All dimensions in mm

