

# SCS 74050 SERIES 60-90W ETD34 -4 OUTPUT FLYBACK TRANSFORMERS



## FEATURES

Primary / Secondary Insulation  $\geq 4000V$   
 Primary Auxiliary Insulation 1500V  
 Creepage distances  
 Primary/secondary  $\geq 8mm$

Bulk packaging is standard  
 Custom design available

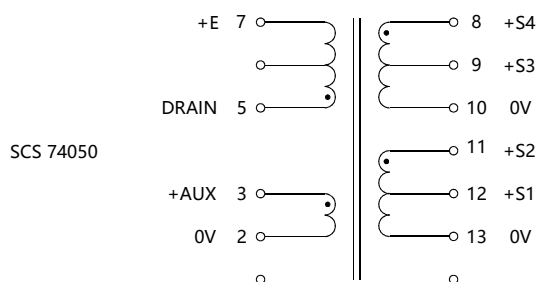
AC-DC converters  
 DC-DC converters  
 Switch Power supplies  
 FAPS: Flyback, Forward and Push-pull  
 FAPS: Half Bridge and Full Bridge



Additional information:  
 We reserve the right to make technical changes or modify the contents of this document without prior notice.  
 SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.  
 We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them.  
 New approvals may be required.

## TECHNICAL INFORMATION

- Ambient temperature  $< 50^{\circ}C$
- Construction confirms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94-VO listed materials



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

## ELECTRICAL CHARACTERISTICS AT 25°C

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

## SIZE ETD29 - 4 OUTPUTS : 5 + 12/5 + 12v - FLYBACK TRANSFORMER

Part Number	Output Power max	Pins	Turns	Windings			
				Voltage	Current max	Inductance (+/-10%)	
SCS 74050	90W	Pri	5-7	36	65-125(VOR)	2.8Apeak	500μH
		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	

Note : S1/S3 or S2/S4 can be connected in series or in parallel

## PHYSICAL CHARACTERISTICS(unit:mm)

