

SCS 74043 SERIES 30-60W ERL28 -4 OUTPUT FLYBACK TRANSFORMERS

FEATURES

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

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

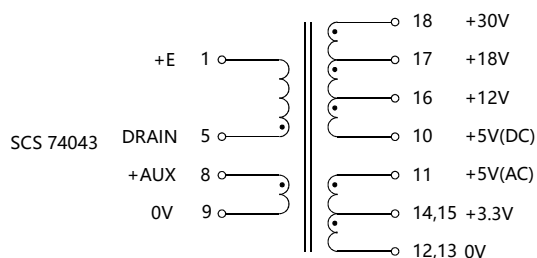


Additional information:
 We reserve the right to make technical changes or modify the contents of this document without prior notice.
 SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
 We can offer that even custom-made 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 3 Removed, PCB Drilling Diameter = 1.4mm

ELECTRICAL CHARACTERISTICS AT 25°C

Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Power Integrations	TOP246Y	185-265Vrms	60 w	66/132 kHz
Power Integrations	TOP246Y	85-265Vrms	45 w	66/132 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 74043	60W	Pri	5-1	45	90 (VOR)	3Apeak	
		Aux	8-9	7	15 Vdc	0.5 Adc	
		S1	14+15/12+13	2	3.3 Vdc	7 Adc	
		S2	11/12+13	3	5 Vdc	sum S1+S2	500μH
		S3	16-10	4	12 Vdc	2 Adc	
S4	17-10	7	18 Vdc	2 Adc			
S5	18-10	13	30 Vdc	0.5 Adc			

Note: Regulation with auxiliary winding

PHYSICAL CHARACTERISTICS(unit:mm)

