

SCS 74023 SERIES 10-18W EL19 -5 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



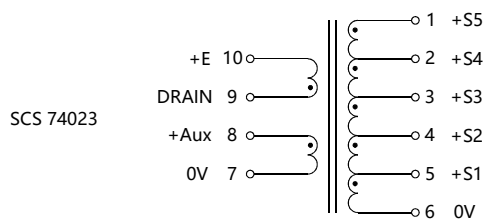
Additional information:
 We reserve the right to make technical changes or modify the contents of this document without prior notice.
 SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
 We can offer that even custom-made 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 $< 60^{\circ}C$
- Construction confirms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94-VO listed materials

ELECTRICAL CHARACTERISTICS AT 25°C

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



Note: PIN 3 Removed, PCB Drilling Diameter = 1.1mm

SIZE EL19 - 5 OUTPUTS : 3.3/5/12/18/30v - FLYBACK TRANSFORMER

Part Number	Output Power max	Windings					
		Pins	Turns	Voltage	Current max	Inductance (+/-10%)	
SCS 74023	16W	Pri	9-10	120	110 (VOR)	0.85 Apeak	
		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	1250μH
		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	

Note: Regulation with auxiliary winding

PHYSICAL CHARACTERISTICS(unit:mm)

