

SCS 74060 SERIES 70-140W ETD39 - 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

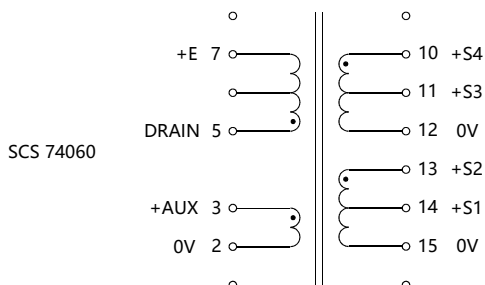


Additional information:
 We reserve the right to make technical changes or modify the contents of this document without prior notice.
 SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.
 We can offer that even custom-made 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
Fairchild	KA1H0565R	85-265Vrms	70 w	100 kHz
Fairchild	KA1H0565R	185-265Vrms	120 w	100 kHz
Infineon	TDA16836	85-265Vrms	70 w	100 kHz
Infineon	TDA16836	185-265Vrms	120 w	100 kHz
Motorola	MC33374	85-265Vrms	70 w	100 kHz
Motorola	MC33374	185-265Vrms	120 w	100 kHz
Power Integrations	TOP247Y	185-265Vrms	140 w	132 kHz
Power Integrations	TOP247Y	85-265Vrms	90 w	66/132 kHz
ST Microelectronics	VIPer100A	85-265Vrms	70 w	70 kHz
ST Microelectronics	VIPer100A	185-265Vrms	120 w	100 kHz

SIZE ETD39 - 4 OUTPUTS : 5 + 12/5 + 12v - FLYBACK TRANSFORMER

Part Number	Output Power max	Pins	Turns	Windings			
				Voltage	Current max	Inductance (+/-10%)	
SCS 74060	90W	Pri	5-1	36	65-125(VOR)	4 Apeak	
		Aux	3-2	4	7-14Vdc	0.5 Adc	
		S1	12-13	2	3.3-6.5Vdc	5 Adc	440μH
		S2	11-13	5	8.5-17Vdc	5 Adc	
		S3	9-10	2	12 Vdc	5 Adc	
S4	5-10	5	18 Vdc	5 Adc			

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

PHYSICAL CHARACTERISTICS(unit:mm)

