

SCS 74092,74093 SERIES 1-9W E16 -SINGLE OUTPUT FLYBACK TRANSFORMERS



FEATURES

- Primary / Secondary Insulation $\geq 4000V$
- Creepage distances
- Primary/secondary $\geq 6mm$
- Bulk packaging is standard
- Custom design available
- AC-DC converters
- DC-DC converters
- Switch Power supplies
- SMPS: Flyback, Forward and Push-pull
- SMPS: Half Bridge and Full Bridge



Additional information:

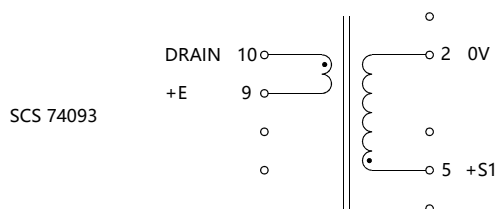
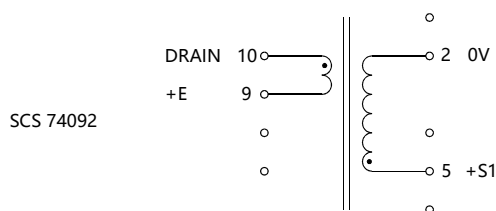
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We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

TECHNICAL INFORMATION

- Ambient temperature $< 70^{\circ}C$
- Construction confirms to CEI950, CEI335, CEI61558 for reinforced insulation
- Exclusively uses UL94-V0 listed materials



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

ELECTRICAL CHARACTERISTICS AT 25°C

74092				
Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Power Integrations	TNY254	85-265Vrms	3.1W	44kHz

74093				
Control IC Manufacturer	Control IC P/N	Input voltage	Power	Frequency
Power Integrations	TNY254	85-265Vrms	3.1W	44kHz

SIZE E16 - SINGLE OUTPUT : 5 or 12V - FLYBACK TRANSFORMER

Part Number	Output Power max	Windings				
		Pins	Turns	Voltage	Current max	Inductance (+/-10%)
SCS 74092	3.1W	Pri 10-9	191	55-100(VOR)	0.34Apeak	4200 μ H
		S1 5-2	13	3.3-6Vdc	0.9Adc	
SCS 74093	3.1W	Pri 10-9	191	65-125(VOR)	0.34Apeak	4200 μ H
		S1 5-2	24	7.5-15Vdc	0.4Adc	

Note: Regulation with auxiliary winding

PHYSICAL CHARACTERISTICS(unit:mm)

