

Features

- High clearance and creepage distance transformer
- Reinforced insulation 400 V working voltage
- Assists in compliance with EN 62368, EN 60335 and EN 61558 standards
- VDE approved
- RoHS compliant*

Model 094929 SP-E 20/6 Flyback Transformer

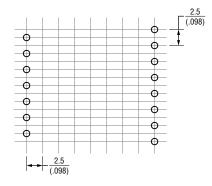
Electrical Specifications @ 25 °C Working Frequency132 kHz Operating Temperature.....-25 °C to +125 °C Storage Temperature-25 °C to +85 °C ESD Classification (HBM)......N/A

15 ± 0.3 $(.591 \pm .012)$

(.984) MAX.

17.5 ± 0.3 $\overline{(.689 \pm .012)}$

Recommended PCB Layout



DIMENSIONS: (INCHES)

How to Order

Order by Model No094929

Additional Information

Click these links for more information:





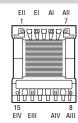






TECHNICAL INVENTORY SAMPLES

Windings

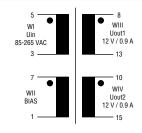


AI, AII, AIII, AIV

..... Start of Winding No. I, II, III, IV EI, EII, EIII, EIV

.....End of Winding No. I, II, III, IV

Schematic



Typical Part Marking

DIMENSIONS:

Product Dimensions

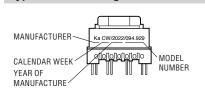
20 ± 0.3

 $(.787 \pm .012)$

15 ± 1

(.591 ± .039)

 3.5 ± 0.5 $(.138 \pm .020)$



(.827)

MAX.

MM

(INCHES)

Packaging Specifications

Bulk......250 pcs. per tray

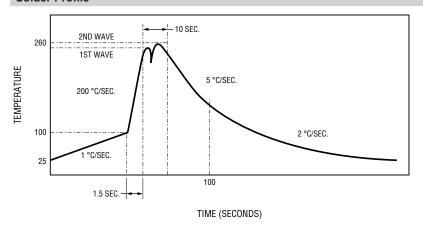
Applications

- Flyback transformer with reinforced insulation for switched-mode power supplies
- Designed for use in SMPS applications based on semiconductors from various AC-DC conversion silicon manufacturers

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Solder Profile



Profile Feature	Pb-Free Assembly
Average ramp-up rate	~ 200 °C/second
Heating rate during preheat	typical 1-2 °/second max. 4 °/second
Final preheat temperature	within 125 °C of soldering temperature
Peak temperature T _p	260 °C
Time within +0 °C / -5 °C of actual peak temperature	10 seconds
Ramp-down rate	5 °C/second max.

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