

Features

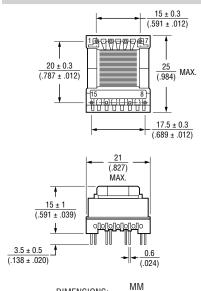
- High clearance and creepage distance transformer
- Reinforced insulation 400 V working voltage
- Assists in compliance with EN 62368, EN 60335 and EN 61558 standards
- VDE approved
- RoHS compliant*

Model 094931 SP-E 20/6 Flyback Transformer

Electrical Specifications @ 25 °C Dielectric Strength (50 Hz / 1 s)......WI/WII - WIII/WIV = 4.2 kV/50 Hz/1 sec. Operating Temperature.....-25 °C to +125 °C Storage Temperature -- 25 °C to +85 °C

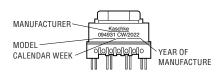
ESD Classification (HBM)......N/A

Product Dimensions



Typical Part Marking

DIMENSIONS:

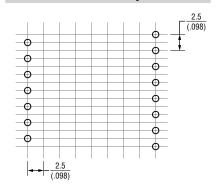


(INCHES)

Packaging Specifications

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

Recommended PCB Layout



DIMENSIONS: (INCHES)

How to Order

Order by Model No094931

Additional Information

Click these links for more information:





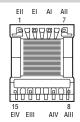






INVENTORY SAMPLES

Windings

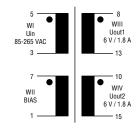


AI, AII, AIII, AIV

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

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

Schematic





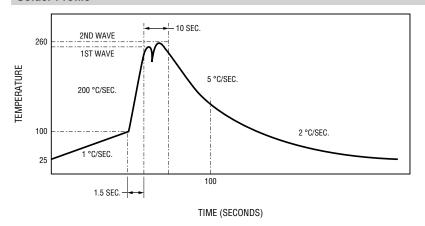
Applications

- 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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