

Features

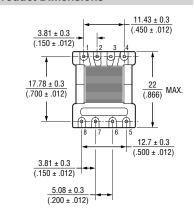
- High clearance and creepage distance transformer
- Reinforced insulation 400 V working voltage
- Assists in compliance with EN 62368, EN 60335 and EN 61558 standards
- VDE approved
- RoHS compliant*

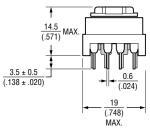
Model 063934 SP-E 16/5 Flyback Transformer

Electrical Specifications @ 25 °C Nominal Inductance @ 50 mV / 10 kHz 0.89 mH ±10 % Maximum Transmissible Power 9 W Working Frequency Range .44 to 132 kHz Transformation Ratio 9,6 : 4,69 : 1 : 1 Dielectric Strength .Primary-Secondary = 4.2 kV/50 Hz/1 sec. Leakage Inductance 50 μH max. Operating Temperature -25 °C to +125 °C Storage Temperature -25 °C to +85 °C Moisture Sensitivity Level MSL 2

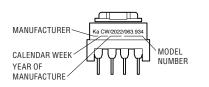
ESD Classification (HBM)......N/A

Product Dimensions

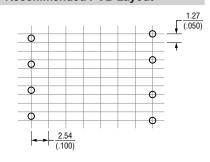




Typical Part Marking



Recommended PCB Layout



DIMENSIONS: $\frac{MM}{(INCHES)}$

How to Order

Order by Model No063934

Packaging Specifications

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

Additional Information

Click these links for more information:











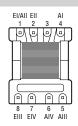
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TECHNICAL IN LIBRARY

AL INVENTORY SAMPLES

CONTACT

Windings



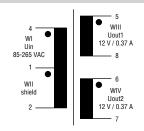
AI, AII, AIII, AIV

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

EI, EII, EIII, EIV

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

Schematic





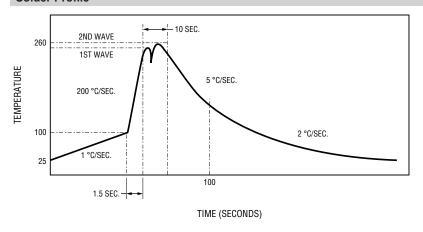
Applications

- 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

Model 063934 SP-E 16/5 Flyback Transformer

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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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