

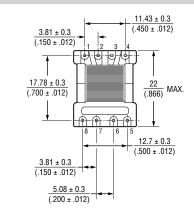
Features

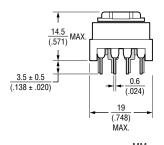
- High clearance and creepage distance transformer
- Reinforced insulation 400 V working voltage
- Assists in compliance with EN 62368, EN 60335 and EN 61558 standards
- VDE approved
- RoHS compliant*

Model 063934 SP-E 16/5 Flyback Transformer

Electrical Specifications @ 25 °CNominal Inductance @ 50 mV / 10 kHz0.89 mH ±10 %Maximum Transmissible Power9 WWorking Frequency Range.44 to 132 kHzTransformation Ratio9,6 : 4,69 : 1 : 1Dielectric StrengthPrimary-Secondary = 4.2 kV/50 Hz/1 sec.Leakage Inductance50 μH max.Operating Temperature-25 °C to +125 °CStorage Temperature-25 °C to +85 °CMoisture Sensitivity LevelN/AESD Classification (HBM)N/A

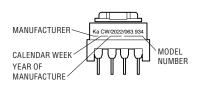
Product Dimensions



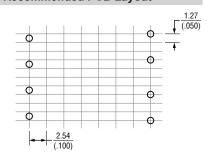


DIMENSIONS: $\frac{|MM|}{(INCHES)}$

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:









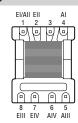


RODUCT

<u>INVENTORY</u> <u>SAMPLES</u>

CONTAC

Windings



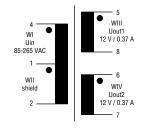
AI, AII, AIII, AIV

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

EI, EII, EIII, EIV

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

Schematic





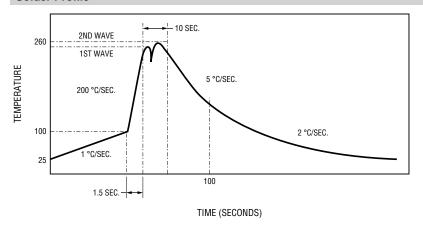
Applications

- 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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