

Features

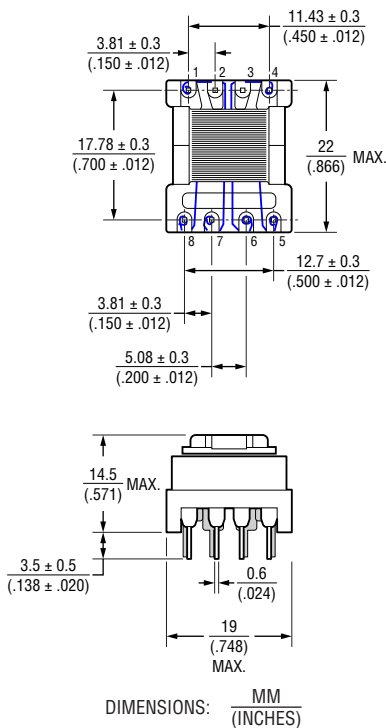
- High clearance and creepage distance transformer
- Reinforced insulation – 400 V working voltage
- Assists in compliance with EN 62368, EN 60335 and EN 61558 standards
- [VDE approved](#)
- RoHS compliant*

Model 063929 SP-E 16/5 Flyback Transformer

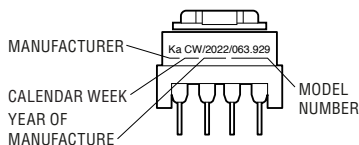
Electrical Specifications @ 25 °C

Nominal Inductance @ 50 mV / 10 kHz	3.9 mH \pm 10 %
Maximum Transmissible Power	4 W
Working Frequency Range	44 to 132 kHz
Transformation Ratio	18,6 : 1 : 1
Dielectric Strength	Primary-Secondary = 4.2 kV/50 Hz/1 sec.
Leakage Inductance	200 μ H max.
Operating Temperature	-25 °C to +125 °C
Storage Temperature	-25 °C to +85 °C
Moisture Sensitivity Level	N/A
ESD Classification (HBM)	N/A

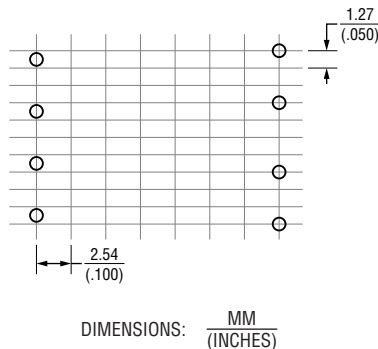
Product Dimensions



Typical Part Marking



Recommended PCB Layout



How to Order

Order by Model No063929

Packaging Specifications

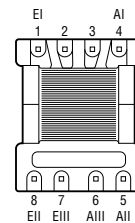
Bulk.....250 pcs. per tray

Additional Information

Click these links for more information:

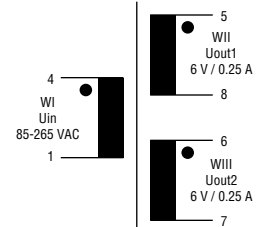


Windings



AI, AII, AIII Start of Winding No. I, II, III
EI, EII, EIII End of Winding No. I, II, III

Schematic



WARNING
Cancer and Reproductive Harm
www.P65Warnings.ca.gov

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
Specifications are subject to change without notice.
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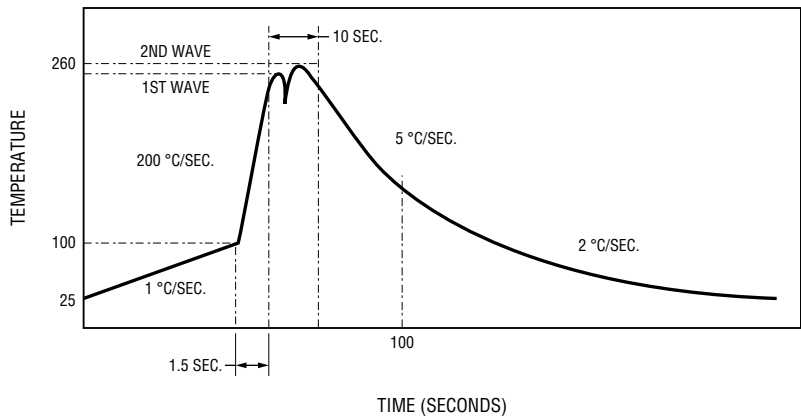
Applications

- 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 063929 SP-E 16/5 Flyback Transformer

BOURNS®

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.

BOURNS®

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