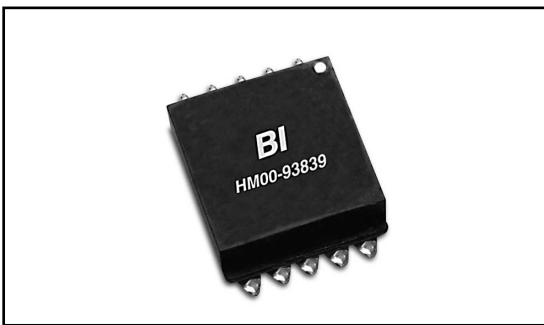


MODEL HM00-93839

Low Profile Dual-Output Surface Mount Inductors



FEATURES AND BENEFITS

- Low profile surface mount design
- Low core loss, high efficiency
- Compatible with surface mount process temperatures
- Base material meets UL 94V-0 requirements
- Used in combination with Linear Technology switching regulator LTC 1149

APPLICATIONS

- Notebook computers

ELECTRICAL / ENVIRONMENTAL

Insulation Resistance, Minimum	100 Megohm
Operating Temperature Range	-40°C to +130°C
Ambient Temperature, Maximum	80°C
Insulation System	Class B, 130°C

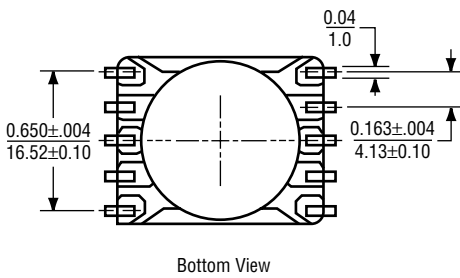
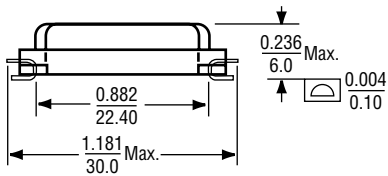
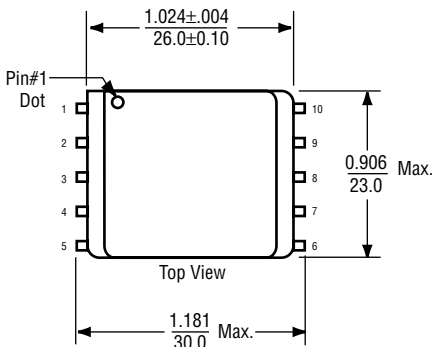
SPECIFICATIONS

Primary Inductance at 1.0 kHz (Strap Terminals 2 & 8) (1-7)	17.4 μ H \pm 15%
Winding DC Resistance, Maximum (1-8), (2-7), (3-6)	20 m Ω
Input Voltages	8V to 24V
Output Power	Combination of 3.3V and 5V loads, totaling 17 watts or less
Dielectric Breakdown Voltage	300 Vdc

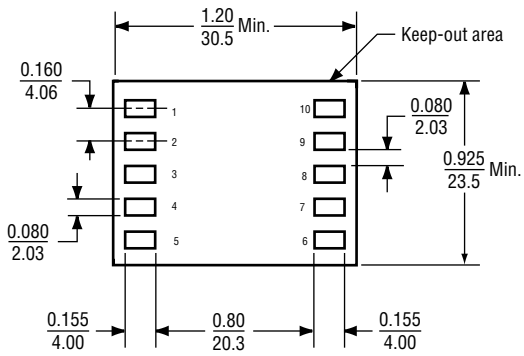
Specifications subject to change without notice.

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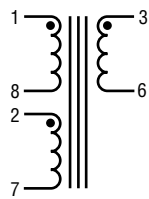
OUTLINE DIMENSIONS (Inch/mm)



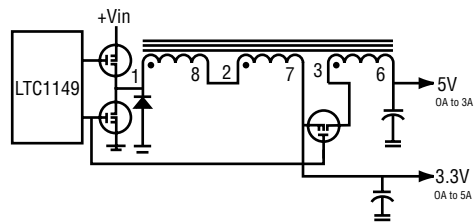
Recommended PCB Layout



SCHEMATIC



TYPICAL APPLICATION DIAGRAM



PACKAGING

Standard: Tray Pack

Tray	Capacity	=	40 Units
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Option: Embossed Tape & Reel

Reel	Diameter	=	13" (330mm)
	Capacity	=	200 Units

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