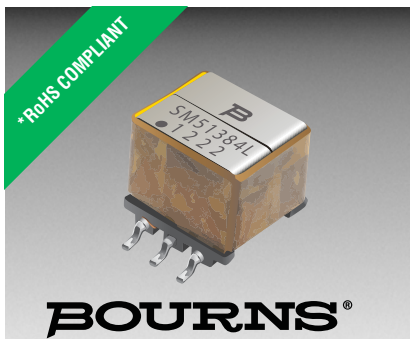




Features

- Shielded construction
- 4K Vrms isolation
- 1:3 CT turns ratio
- 3.3 V input to 5 V output
- RoHS compliant*

Applications

- Power supplies
- EXAR SP3232E transceiver

SM51384L - High Voltage Isolation Power Transformer

Electrical Specifications

Inductance 1-3
(100 KHz, 0.1 Vrms)
..... 215 μ H $\pm$ 30 %

DCR
1-3 0.7 ohms max.
6-4 1.8 ohms max.

Turns Ratio
1-3 / 6-4 1:3CT $\pm$ 5 %

Voltage
1-3 / 6-4 3.3 V / 5 V

Volt-time Product 22 V μ S typ.

Hi-Pot 1-6, 4K Vrms, 1 mA, 2 sec.

General Specifications

Operating Temperature -40 to +95 °C

Storage Temperature -40 to +125 °C

Resistance to Solder Heat
..... +250 °C for 10 sec.

Materials

Core Ferrite

Wire Enameled copper

Terminal Finish Sn

Packaging Specifications

Tape & Reel 350 pcs./13 inch reel

How To Order

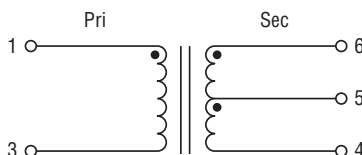
Model **SM51384 E L**

Tape & Reel Packaging

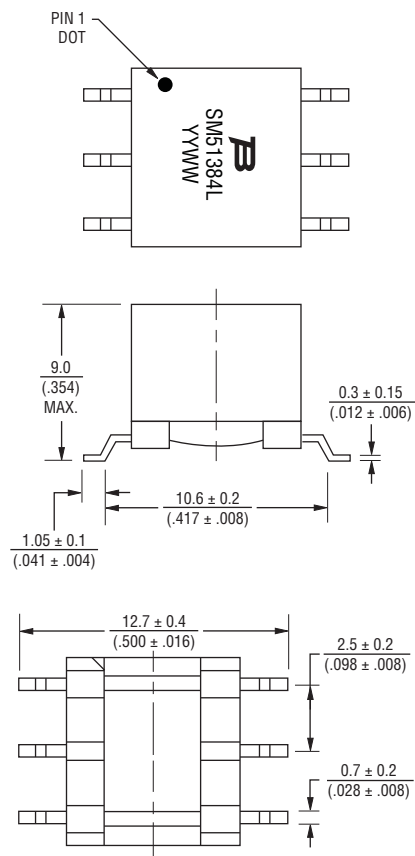
Termination

L = RoHS compliant

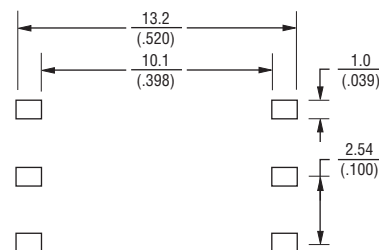
Electrical Schematic



Product Dimensions



Recommended Layout



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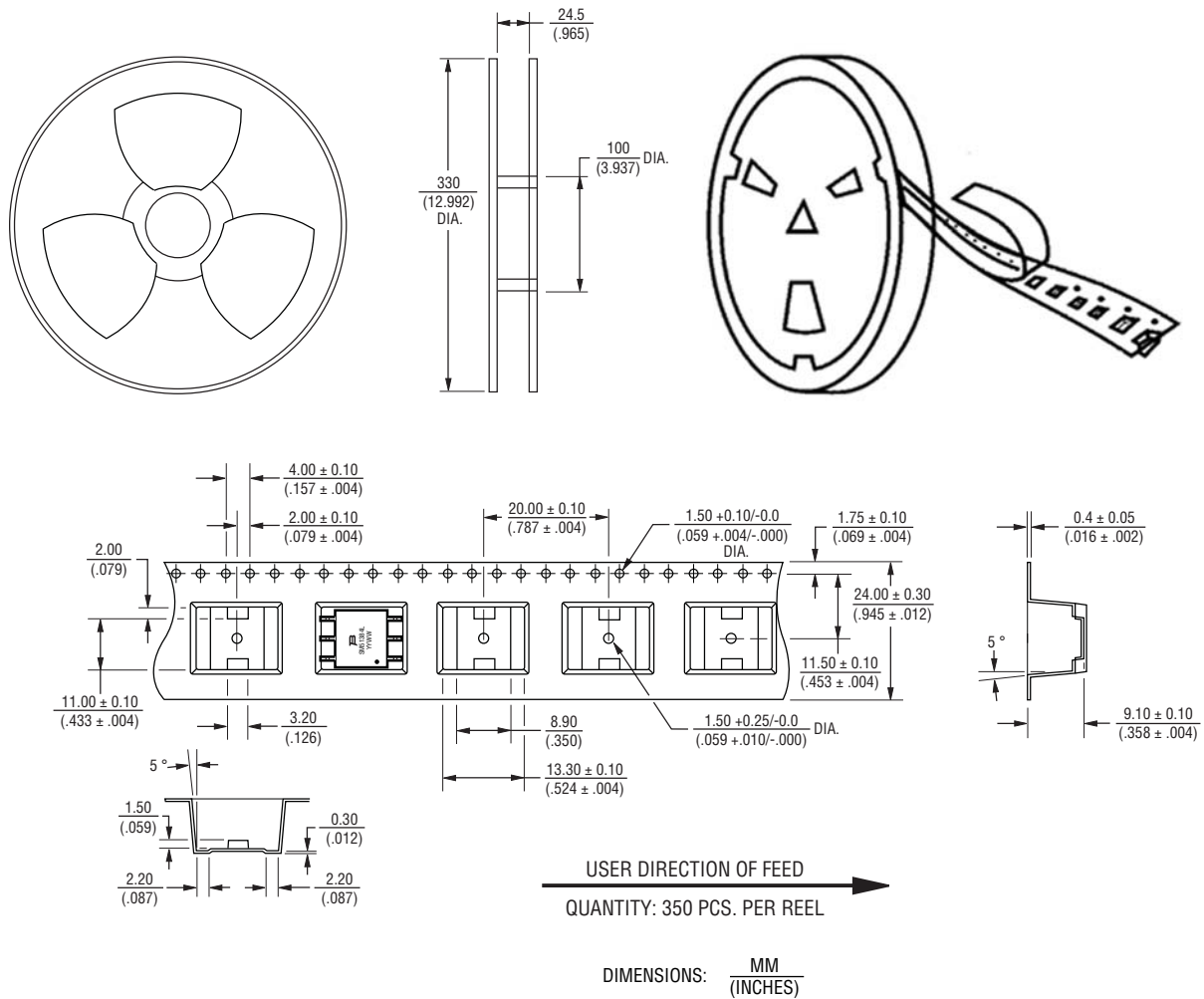
www.bourns.com

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

SM51384L - High Voltage Isolation Power Transformer

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Packaging Specifications



Mouser Electronics

Authorized Distributor

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