

Features

- Subminiature in SMT
- 7.5 mm seated height
- Distortion of only 0.015 %
- Vacuum encapsulated
- UL60950 certified
- RoHS compliant*

Applications

- Modems (V32)
- Laptop Computers
- Telecommunications
- Instrumentation

SM-LP-5001 Series - Surface Mount Line Matching Transformers

Materials

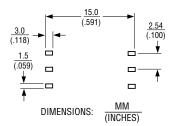
Terminal PlatingSn/Ag/Cu

*For use with recommended circuit (BS6305 impedance Class A non-speech or Class B speech).

**SM-LP-5001 is symmetrical, meaning there is no real primary nor secondary winding.

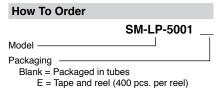
2.54 (.100) (.1012) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.100) (.1

Suggested PCB Layout

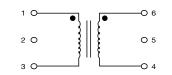


LEAD COPLANARITY: $\frac{0.15}{(.006)}$ MAX.

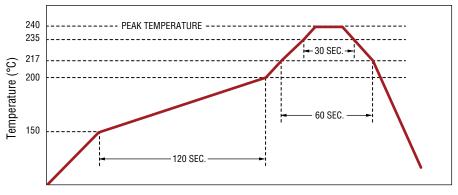
UNLESS OTHERWISE ± 0.25 SPECIFIED, TOLERANCE: (.010) MAX.



Schematic



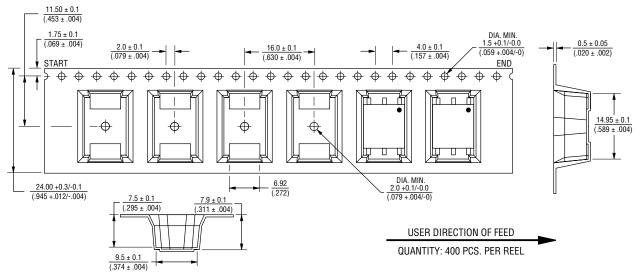
Solder Profile



Time (Seconds)

^{*}RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

Packaging Specifications



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bourns:

SM-LP-5001 SM-LP-5001E