

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

Electrical Specifications

Nominal Impedance	600 Ω
Turns Ratio	1:1
Insertion Loss	.2.0 dB max. at 2 kHz
Frequency Response	

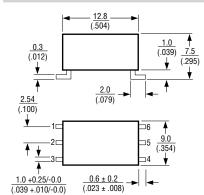
Materials

Terminal PlatingSn/Ag/Cu

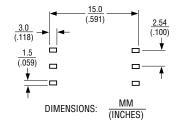
*For use with recommended circuit (BS6305 impedance Class A non-speech or Class B speech).

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

Product Dimensions



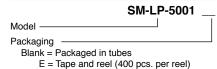
Suggested PCB Layout



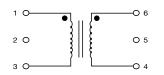
LEAD COPLANARITY: $\frac{0.15}{(.006)}$ MAX.

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

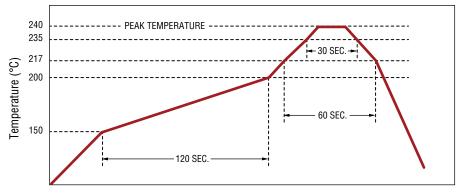
How To Order



Schematic



Solder Profile

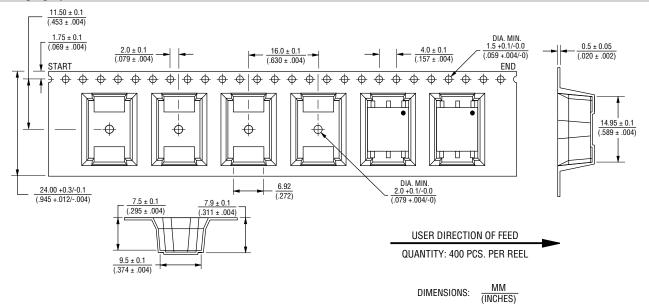


Time (Seconds)

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

BOURNS

Packaging Specifications



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