

#### **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

#### 

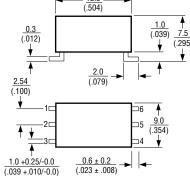
#### Materials

Terminal Plating ......Sn/Ag/Cu

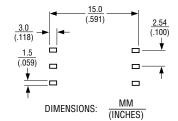
\*For use with recommended circuit (BS6305 impedance Class A non-speech or Class B speech).

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

# Product Dimensions



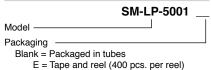
#### Suggested PCB Layout



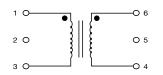
LEAD COPLANARITY:  $\frac{0.15}{(.006)}$  MAX.

UNLESS OTHERWISE  $\pm 0.25$  SPECIFIED, TOLERANCE: (.010) MAX

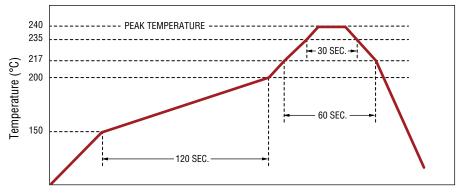
#### **How To Order**



#### **Schematic**



#### **Solder Profile**

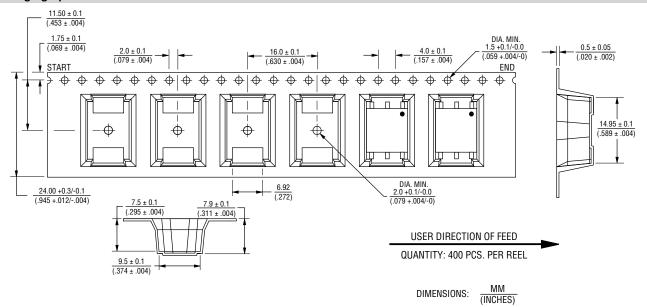


Time (Seconds)

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

## BOURNS

#### **Packaging Specifications**



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