

# TRANSFORMER FOR ADSL ROUTER

MODEL NO. : SAT-1325

\*For use with CONEXANT ADSL chipset

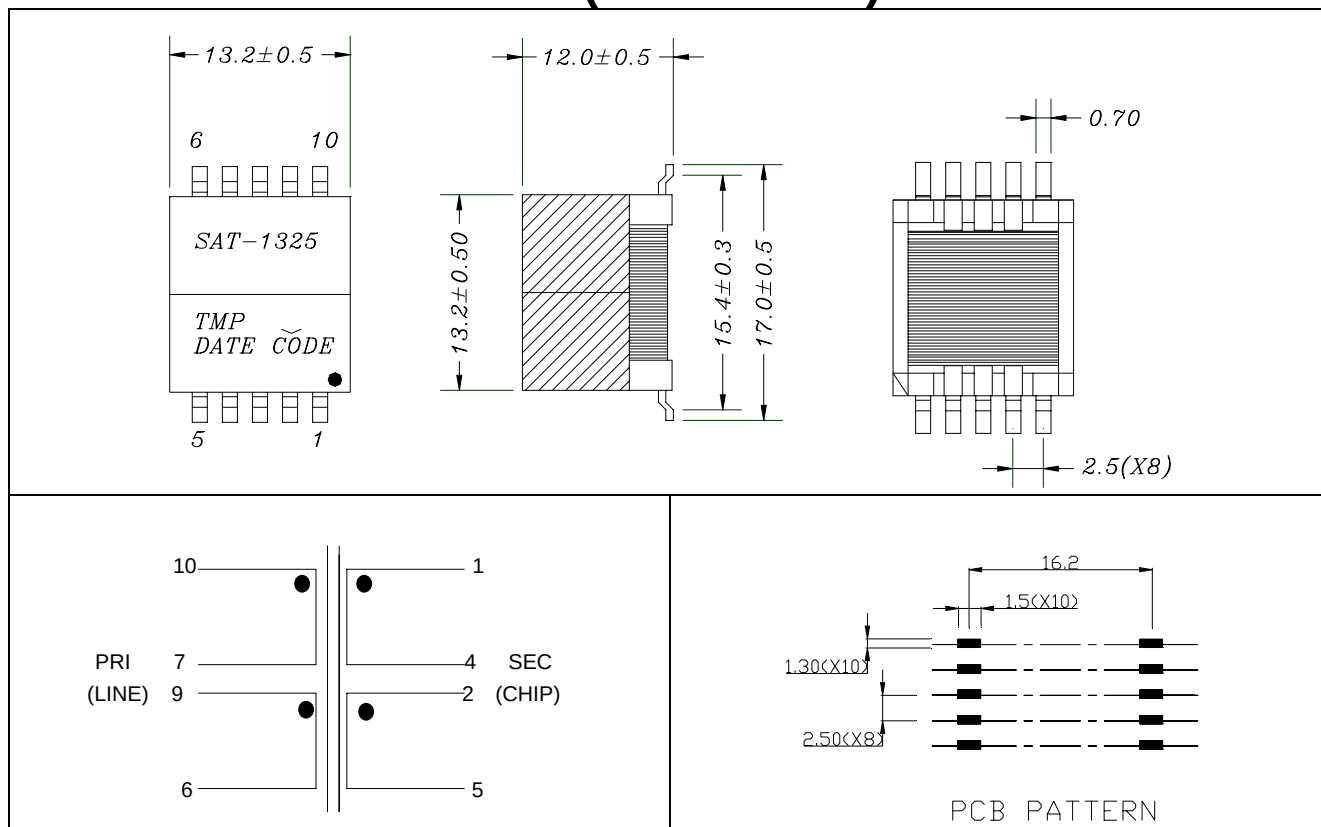
\*Designed to meet UL 1950 & EN60950 supplementary insulation requirements for working to 250 Vrms.



ELECTRICAL SPECIFICATION : (C1571 COMPATIBLE)

- \* IMPEDANCE RATIO : PRI - SEC :  $100\Omega : 9.2\Omega$
  - \* INDUCTANCE : 6 - 10 w/7-9 SHORTED :  $800\text{ uH} \pm 5\%$  @ 10 KHZ, 100mVRMS.
  - \* DC RESISTANCE : 1 - 4 :  $0.20\Omega$  MAX.  
: 2 - 5 :  $0.20\Omega$  MAX.  
: 10 - 7 :  $0.60\Omega$  MAX.  
: 9 - 6 :  $0.60\Omega$  MAX.
  - \* LONGITUDINAL BALANCE : 50dB MIN @ 30KHZ ~ 1.1MHZ
  - \* TOTAL HARMONIC DISTORTION : -84dB MAX @ 30KHZ, 0dB
  - \* LEAKAGE INDUCTANCE : 6 - 10 : 10uH MAX @ 100 KHZ, 100mVRMS.  
w/ 2-4, 7-9 & 1-5 SHORTED
  - \* TURN RATIO : 10 - 7 : 9 - 6 =  $1:1 \pm 1\%$   
: 1 - 5 : 10 - 6 =  $1:3.3 \pm 1\%$
- HI-POT: 1875 VRMS FOR 2 SECONDS BETWEEN PRIMARY AND SECONDARY.

## PHYSICAL DIMENSION : ( UNIT : mm )



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