

TRANSFORMER FOR ADSL ROUTER



MODEL NO. : SAT-1323B

***For use with GLOBESPAN ADSL chipset**

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

ELECTRICAL SPECIFICATION : (C1601 COMPATIBLE)

* INDUCTANCE : 10 – 6 w/7-9 SHORTED : 100 uH $\pm 5\%$ @ 10 KHZ, 100mVRMS.

* DC RESISTANCE : 10 – 7 : 0.52 Ω MAX
: 9 – 6 : 0.52 Ω MAX
: 1 – 4 : 0.24 Ω MAX
: 2 – 5 : 0.24 Ω MAX

* LONGITUDINAL BALANCE : 50dB MIN @ 20 KHZ - 1.1 MHZ.

* LEAKAGE INDUCTANCE : 10 – 6 : 12uH MAX. @ 100 KHZ, 100mVRMS.
w/1-5&2-4&7-9 SHORTED

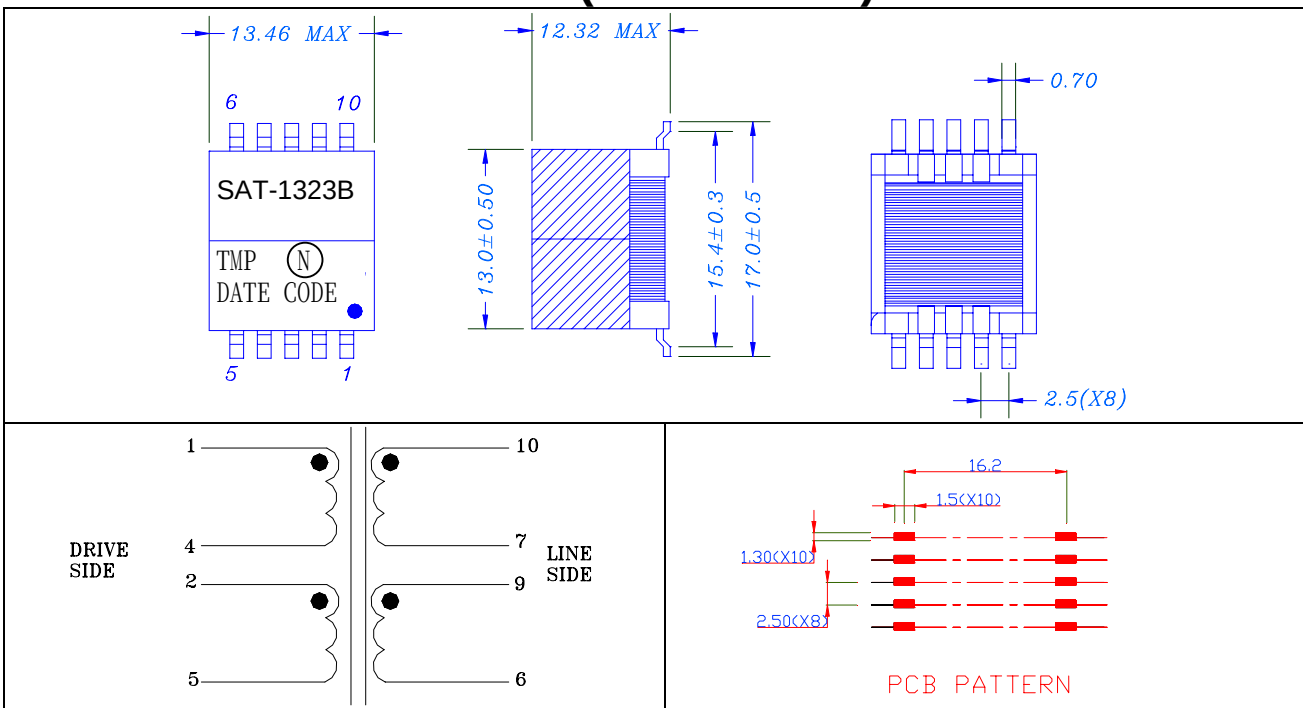
* INSERTION LOSS : 1.0 dB MAX @ 500 KHZ.

* INTERWINDING CAPACITANCE : PRI – SEC : 50pf MAX. @ 100 KHZ, 0.1 VRMS.

* TURN RATIO : 1 – 4 : 2 – 5 = 1:1 $\pm 1\%$
: 1 – 5 : 10 – 6 = 1:2 $\pm 1\%$

* HI –POT : 1875 VRMS FOR 1 SECOND BETWEEN PRIMARY AND SECONDARY.

PHYSICAL DIMENSION : (UNIT : mm)



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