

ADSL Transformer

Supplementary Insulation Requirements of IEC 950 with 250 Vrms. working voltage

SPECIFICATIONS :

ELECTRICAL :

D.C. RESISTANCE : 1-4 = 2.0 OHMS MAX. (TIE3+2) @ 25°C

8-5 = 2.0 OHMS MAX. (TIE6+7)

INDUCTANCE : 1-4 = 237 μ H \pm 15%(TIE 3+2) @ 10KHz , 0.1V Ls

8-5 = 470 μ H \pm 15% (TIE 6+7)

TURNS RATIO : (1-4) : (8-5) = 1: 1.41 \pm 2%

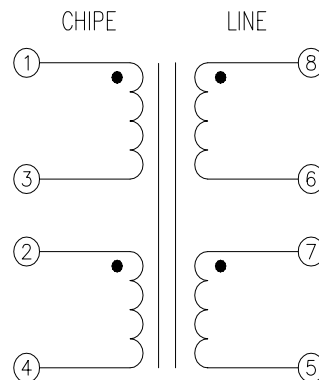
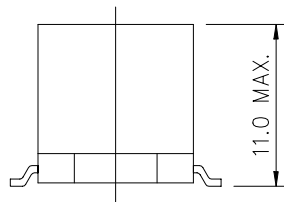
INSERTION LOSS : 0.5 dB MAX. @ 150KHz - 1MHz

LEAKAGE INDUCTANCE : 8-5 = 15 μ H MAX. @ 100KHz , 0.1V Ls (TIE 6+7,3+2,1+4)

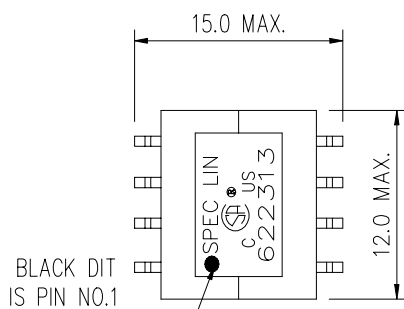
LONGITUDINAL BALANCE : 60 dB MIN. @ 20KHz - 1MHz

INTERWINDING CAPACITANCE : 1-8 = 50 pF MAX. @ 100KHz , 0.1V (TIE 2+3 , 6+7)

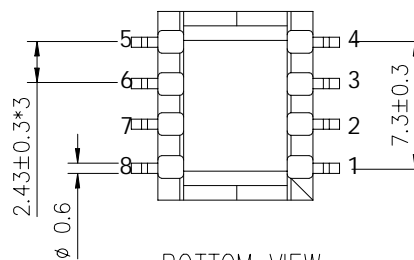
HI-POT TEST : 1500 VAC MIN. BETWEEN PRI. - SEC. 1mA FOR 2 SECONDS



SCHEMATIC



TOP VIEW



BOTTOM VIEW

CHECKBY: _____

DESIGN : _____

DRAWER : _____

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AGENCY NO.

UL NO. : E181559

CSA NO. 205889

ISO 9002: 036809750

DRAWING NO.

622313

UNITS
mm

SHEET
1 OF 1

