

# SMD ADSL Transformer

## ADSL line XFMR ,Globespan CPE

**Meets requirements of CSA 950/UL 1950 for supp. Ins., 250V working voltage**

**SPECIFICATIONS :**

**ELECTRICAL :**

D.C. RESISTANCE : 10-7 = 0.67 OHMS  $\pm 10\%$  @ 20°C

1-4 = 0.83 OHMS  $\pm 10\%$

2-5 = 0.83 OHMS  $\pm 10\%$

9-6 = 1.00 OHMS  $\pm 10\%$

INDUCTANCE : 440  $\mu\text{H} \pm 5\%$ , @ 10KHz , 0.1V, Ls 1-5 (TIE2+4 , 7+9 , 10+6)

TURNS RATIO : (1-5):(10-6)TIE(2+4 , 7+9) = 1:1  $\pm 1\%$  10KHz , 100mVAC

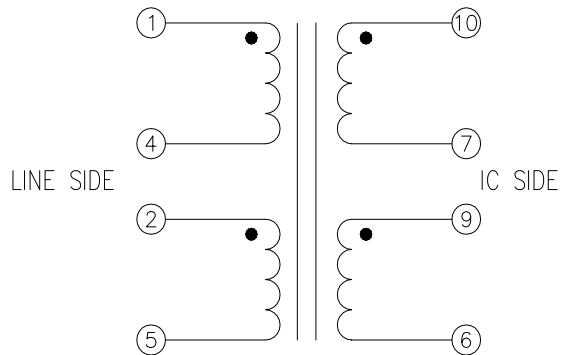
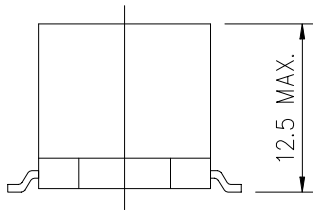
LEAKAGE INDUCTANCE : 10.0  $\mu\text{H}$  MAX. 100KHz, 0.1V ,Ls 1-5 (TIE 3+2 , 10+7 , 8+9)

INSERTION LOSS : 0.75 dB MAX. 772KHz

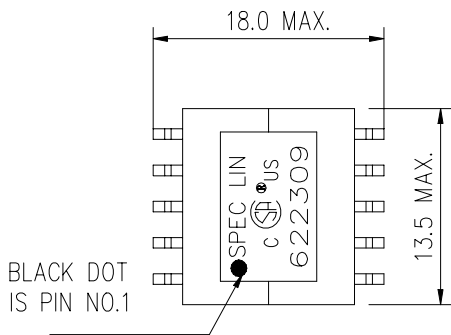
LONGITUDINAL BALANCE (ITU) : 45 dB MIN. @ 30KHz-1.1MHz

HI-POT TEST : 1500 Vrms BETWEEN PRI.-SEC. 1mA FOR 1 MIN.

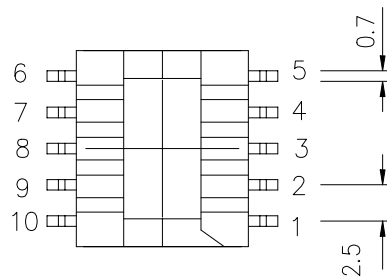
1875 Vrms BETWEEN PRI.-SEC. 1mA FOR 1 SEC.



SCHEMATIC



TOP VIEW



BOTTOM VIEW

**SPEC LIN ENTERPRISE CO. LTD.**

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AGENCY NO.

UL NO. : E181559

CSA NO. 205889

ISO 9002: 036809750

DRAWING NO.

**622309**

UNITS  
mm

SHEET  
1 OF 1

