

SHDSL Line Transformer

SPECIFICATIONS :

ELECTRICAL :

D.C. RESISTANCE : 1-4 = 1.45 OHMS \pm 10% @ 25°C

2-5 = 1.45 OHMS \pm 10%

9-7 = 0.45 OHMS \pm 10%

INDUCTANCE : 2.07 mH \pm 4% @ 10KHz , 0.1V 1-5 (2+4 SHORTED) , Ls

2.07 mH \pm 4% @ 10KHz , 0.1V,100mADC 1-5 (2+4 SHORTED) , Ls

TURNS RATIO : (1-5):(9-7)= 4 : 1 \pm 1% @ 10KHz,0.1V,(2+4 SHORTED)

LEAKAGE INDUCTANCE : 15.0 μ H MAX.@ 100KHz, 0.1V ,1-5 (2+4 , 9+7 SHORTED) , Ls

INTERWINDING CAPACITANCE : 65.0 pF MAX.@ 100KHz, 0.1V ,1-9 (1+5 , 2+4 , 9+7 SHORTED) , Cs

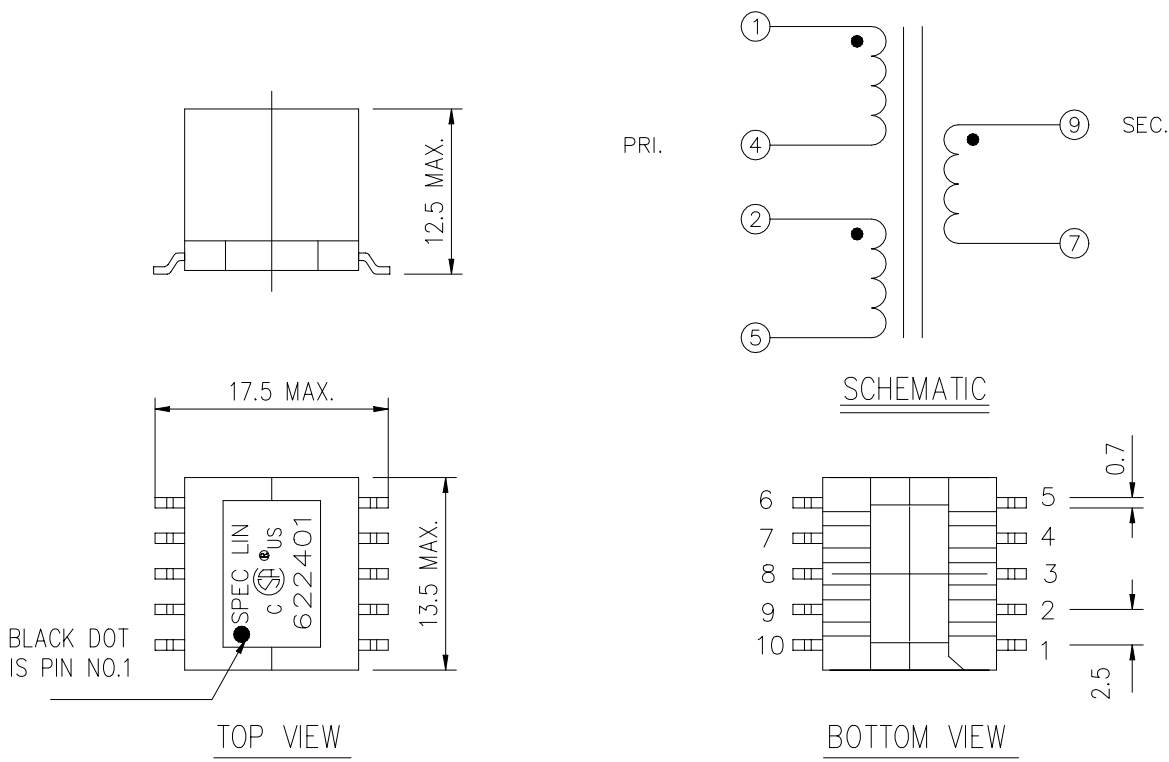
LONGITUINAL BALANCE : 55 dB MIN. @ 40KHz-500KHz,GND PIN.9

INSERTION LOSS : 0.5 dB MAX. @ 100KHz

RETURN LOSS : 15.0 dB MIN. @ 40KHz-500KHz

FREQUENCY RESPONSE : \pm 1.0 dB MAX. @ 40KHz-1MKHz , 100KHz REF.

HI-POT TEST : 2.00 KVAC BETWEEN PRI.-SEC. 1mA FOR 1 SECONDS



CHECKUP : _____ DESIGN : _____ DRAWER : _____

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AGENCY NO.

UL NO. : E181559

CSA NO. 205889

ISO 9002: 036809750

DRAWING NO.

622401

UNITS
mm

SHEET
1 OF 1

