

# ISDN Pulse Transformer

SPECIFICATIONS : ELECTRICAL :

IMPEDANCE : PRI. & SEC.= 600 OHMS EACH (REF.)

DESIGNED TO REFLECT : 135 OHMS  $\pm$  5% ON PRI. WITH

52.7 OHMS LOAD ON SEC. @ 1KHz, 1Vrms

D.C. RESISTANCE : PRI. = 5-7 = 4.3 OHMS MAX. @ 20°C, 6-8 SHORT

SEC. = 2-11 = 2.7 OHMS MAX.

TURN RATIO : (PRI. : SEC.) = 1.6 : 1  $\pm$  1%

D.C. CURRENT : 100 mADC MAX.

INDUCTANCE : 14.5 m H  $\pm$  6% @ 1KHz, 50mV, 6-8 SHORT, 80mADC

LEAKAGE INDUCTANCE : 100  $\mu$  H MAX. @ 100KHz, 0.5Vrms, 6-8 & 2-11 SHORT

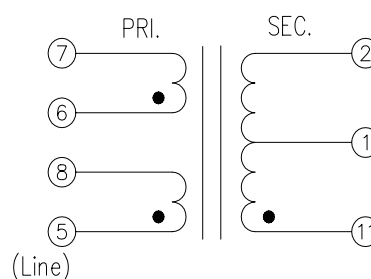
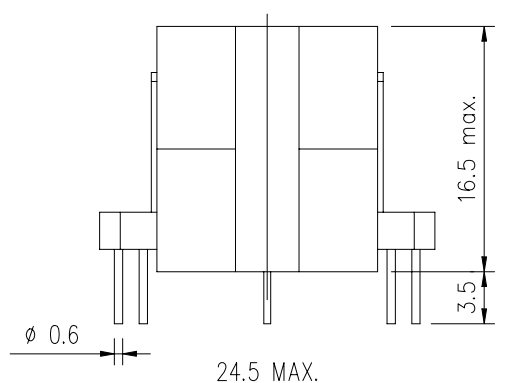
INTERWINDING CAP. (2-5) : 110 pF MAX. @ 50KHz, 0.5Vrms, 6-8 SHORT

INSERTION LOSS : 0.5 dB MAX. @ 10KHz, 1Vrms, 80mADC (2-11 & 5-7)

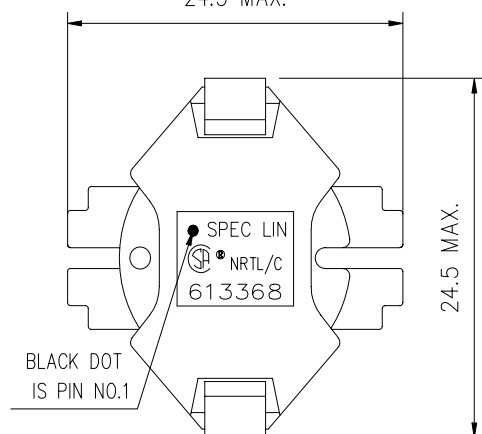
0.6 dB MAX. @ 100KHz

RETURN LOSS : 20 dB MIN. @ 20KHz, 80mADC, 6-8 & 2-11 SHORT

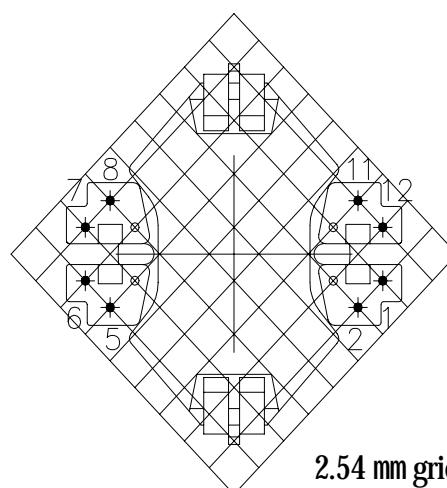
HI-POT TEST : 1.50 KVAC MIN. 5-11 & 6-11 1mA FOR 2 SECONDS



SCHEMATIC



TOP VIEW



2.54 mm grids

BOTTOM VIEW

**SPEC LIN ENTERPRISE CO. LTD.**

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AGENCY NO.

UL NO. : E181559

CSA NO. : LR107869

ISO 9002: 036809750

DRAWING NO.

**613368**

UNITS  
mm

SHEET  
1 OF 1

