

# Surface Mounting & Pcmcia Transformer

SPECIFICATIONS : **56 Kbps**

ELECTRICAL :

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

DESIGNED TO REFLECT : 600 OHMS  $\pm$  3% ON PRI. WITH  
290 OHMS LOAD ON SEC. @ 1KHz, 1Vrms

D.C. RESISTANCE : PRI. = 141 OHMS  $\pm$  10% @ 20°C  
SEC. = 171 OHMS  $\pm$  10%

TURN RATIO : (PRI. : SEC.) = 1 : 1  $\pm$  2%

D.C. CURRENT : NONE

INDUCTANCE : 6 H MIN. (TYP. 10 H) @ 200Hz, 1Vrms ON PARALLEL

INSERTION LOSS : 3.3 dB MAX. @ 1KHz

FREQUENCY RESPONSE :  $\pm$ 0.10 dB @ 300Hz - 3.5KHz

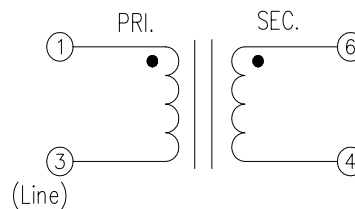
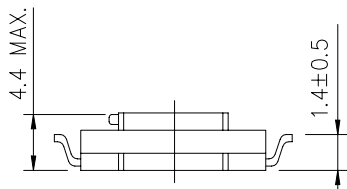
RETURN LOSS : 30 dB MIN. @ 300Hz - 3.5KHz

TOTAL HARMONIC DISTORTION : -82 dB MAX. @ 600Hz, -10dBm

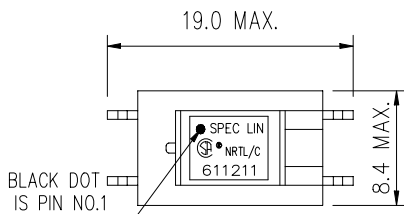
LONGITUDINAL BALANCE : 60 dB MIN. , 200Hz - 1KHz

40 dB MIN. , 1KHz - 4KHz

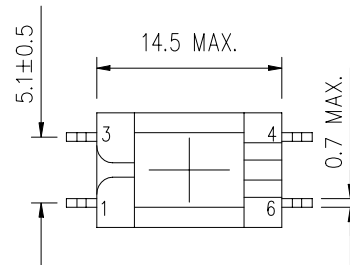
HI-POT TEST : 1.25 KVAC MIN. BETWEEN PRI. & SEC. 1mA FOR 2 SECONDS



SCHEMATIC



TOP VIEW



BOTTOM VIEW

**SPEC LIN ENTERPRISE CO. LTD.**

2F, No.6, ALLEY 17, LANE 42, CHUNG HSING N.ST.  
SAN CHUNG CITY, TAIPEI, TAIWAN  
TEL: 886-2-29991394 FAX: 886-2-22781629

AGENCY NO.

UL NO. : E181559

CSA NO. : LR107869

ISO 9002: 036809750

DRAWING NO.

**611211**

UNITS  
mm

SHEET  
1 OF 1

