

ADSL LINE Coupling Transformer

Meets requirement of IEC950 for supplementary insulation 250V working voltage

SPECIFICATIONS :

ELECTRICAL :

D.C. RESISTANCE : 1-3 = 1.00 OHMS MAX.
 10-8 = 1.10 OHMS MAX.
 9-7 = 1.10 OHMS MAX.
 2-4 = 1.30 OHMS MAX.

INDUCTANCE : 10-7 = 5.0 mH \pm 10% @ 10KHz , 0.1V Ls TIE(8+9)

TURNS RATIO : (1-4) : (10-7) TIE(2+3,8+9) = 1:1 \pm 1% @ 10KHz 0.1V

LEAKAGE INDUCTANCE : 10-7 = 15 μ H MAX. @ 100KHz , 0.1V Ls TIE(8+9,2+3,1+4)

INSERTION LOSS : 1.0 dB MAX. @ 100KHz

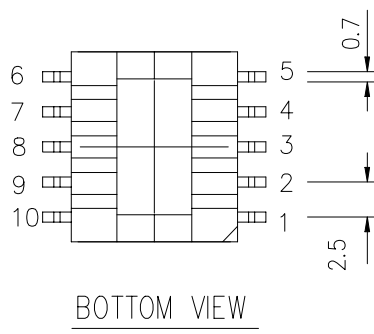
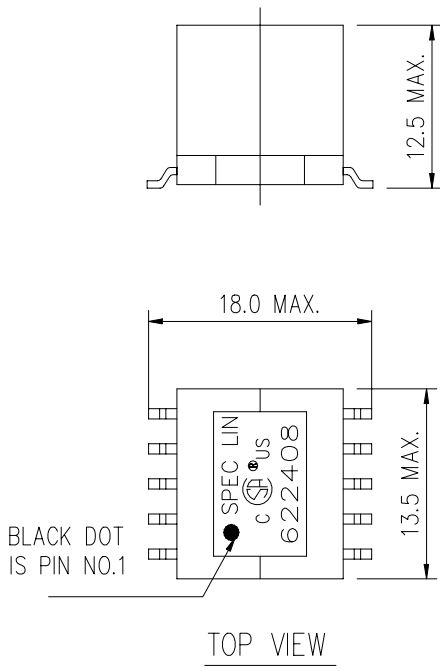
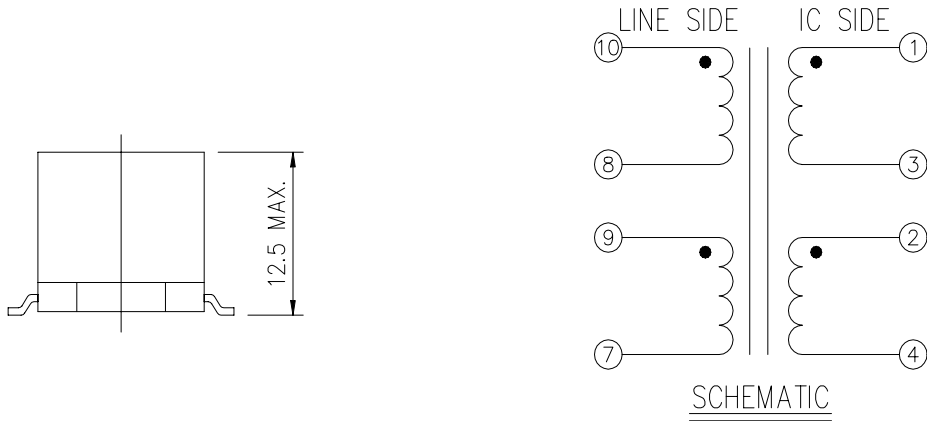
INTERWINDING CAPACITANCE : 10-1 = 50 pF MAX. @ 100KHz , 0.1V Cs TIE(8+9,2+3)

TOTAL HARMONIC DISTORTION : -85 dB MAX. @ 30KHz , 2.5Vrms[7.07Vp-p] , LINE : IC
 -80 dB MAX. @ 100KHz , 2.5Vrms[7.07Vp-p] , LINE : IC

RETURN LOSS : 10 dB MIN. @ 25KHz - 1MHz

FREQUENCY RESPONSE : \pm 1.25 dB MAX. @ 30KHz - 1MHz 100KHz REF.

HI-POT TEST : 1875 VAC MIN. BETWEEN 1-10 TIE (2+3,8+9) FOR 0.5mA 1 SECOND



CHECKUP : _____ DESIGN : _____ DRAWER : _____

<p>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</p>	<p>AGENCY NO. UL NO. : E181559 CSA NO. 186519 ISO 9002: 036809750</p>	<p>DRAWING NO. 622408</p>	
		<p>UNITS mm</p>	<p>SHEET 1 OF 1</p>