

Globespan HDSL2 Line Transformer 1:5.4

SPECIFICATIONS :

ELECTRICAL :

D.C. RESISTANCE : 9-7 = 0.21 OHMS \pm 10%

1-4 = 1.10 OHMS \pm 10%

2-5 = 1.10 OHMS \pm 10%

INDUCTANCE : 1-5 = 3.0 mH \pm 6% @ 10KHz , 0.1V Ls TIE(2+4)

TURNS RATIO : (9-7) : (1-5) TIE(2+4) = 1:5.4 \pm 1% @ 10KHz 0.1V

LEAKAGE INDUCTANCE : 1-5 = 12.0 μ H MAX. @ 100KHz , 0.1V Ls TIE(2+4,9+7)

INSERTION LOSS : 1.0 dB MAX. @ 100KHz

INTERWINDING CAPACITANCE : 1-9 = 50 pF MAX. @ 100KHz , 0.1V Cs TIE(2+4)

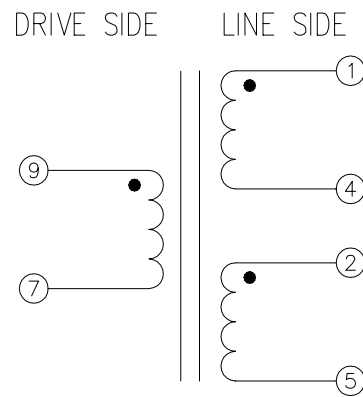
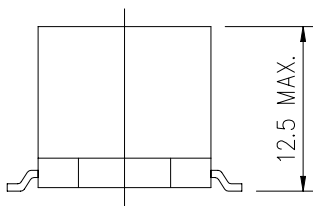
TOTAL HARMONIC DISTORTION : -90 dB MAX. @ 40KHz , 4.3Vrms[12.16V_{P-P}] , LINE : IC

FREQUENCY RESPONSE : \pm 0.5 dB MAX. @ 17KHz - 600kHz 100kHz REF.

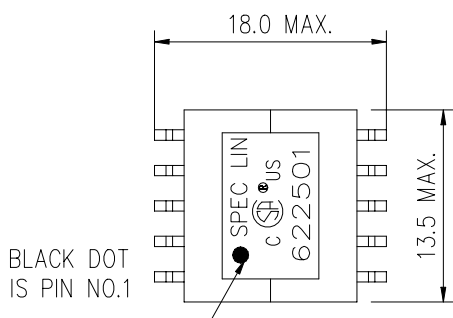
LONGITUDINAL BALANCE : 60 dB MIN. @ 20Hz - 250KHz

HI-POT TEST : 2500 VAC MIN. BETWEEN 1-9 FOR 0.5mA 1 SECOND

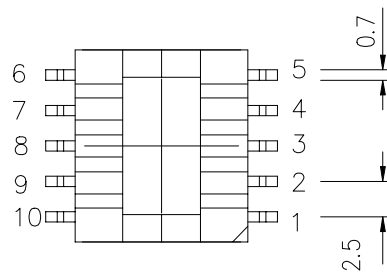
2500 VAC MIN. BETWEEN 2-9 FOR 0.5mA 1 SECOND



SCHEMATIC



TOP VIEW



BOTTOM VIEW

CHECKUP : _____

DESIGN : _____

DRAWER : _____

SPEC LIN ENTERPRISE CO. LTD.

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AGENCY NO.

UL NO. : E181559

CSA NO. 205889

ISO 9002 : 036809750

DRAWING NO.

622501

UNITS
mm

SHEET
1 OF 1

