

# Thru Hole Transformer

SPECIFICATIONS : **56 Kbps**

ELECTRICAL :

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

DESIGNED TO REFLECT : 600 OHMS  $\pm$  3% ON PRI. WITH

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

D.C. RESISTANCE : PRI. = 108 OHMS  $\pm$  10% @ 20°C

SEC. =120 OHMS  $\pm$  10%

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

D.C. IN PRI. : NONE

INDUCTANCE : 8 H MIN. (TYP. 24H) @ 200Hz, 1Vrms ON PARALLEL

INSERTION LOSS : 2.2 dB MAX. @ 1KHz

FREQUENCY RESPONSE :  $\pm$ 0.25 dB @ 200Hz - 4KHz

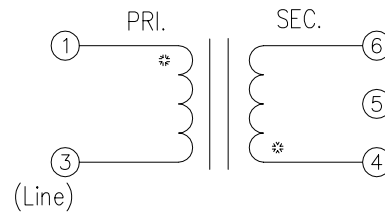
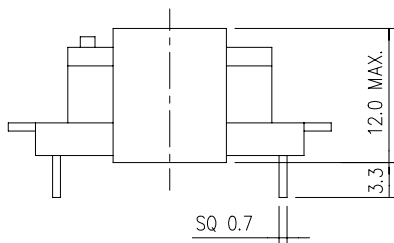
RETURN LOSS : 15 dB MIN. @ 300Hz - 3KHz

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

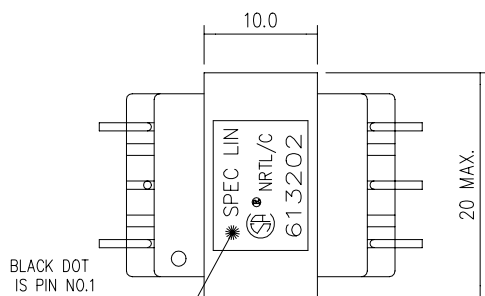
LONGITUDINAL BALANCE : 60 dB MIN. , 200Hz - 1KHz

40 dB MIN. , 1KHz - 4KHz

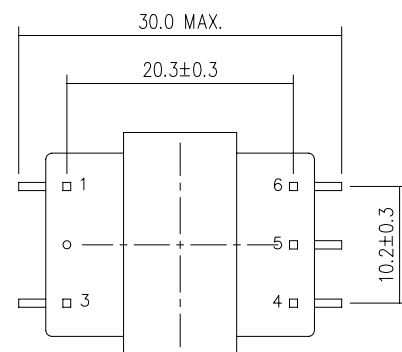
HI-POT TEST : 1.25 KVAC MIN. BETWEEN PRI. & SEC. 1mA FOR 2 SECONDS



SCHEMATIC



TOP VIEW



BOTTOM VIEW

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AGENCY NO.

UL NO. : E181559

CSA NO. : LR107869

ISO 9002: 036809750

DRAWING NO.

**613202**

UNITS  
mm

SHEET  
1 OF 1

