

Modem Coupling Transformer

SPECIFICATIONS :

ELECTRICAL :

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

DESIGNED TO REFLECT : 600 OHMS \pm 3% ON PRI.(1-5)

WITH 392 OHMS LOAD ON SEC.(10-6) @ 1KHz , 1Vrms

D.C. RESISTANCE : PRI.(1-5) = 100 OHMS \pm 10% @ 25°C

SEC.(10-6) = 120 OHMS \pm 10%

TURN RATIO : PRI(1-5) : SEC.(10-6) = 1 : 1 \pm 2% , 15.75KHz 1V

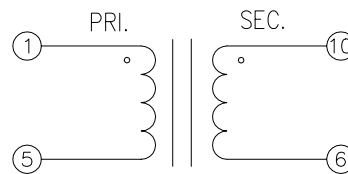
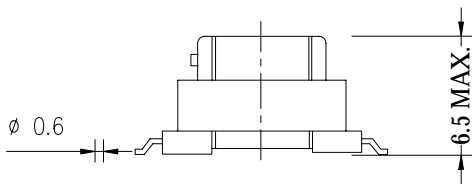
INSERTION LOSS : 2.15 dB \pm 10% , AT 1KHz 0dBm

FREQUENCY RESPONSE : \pm 0.20 dB @ 300Hz TO 3.5KHz

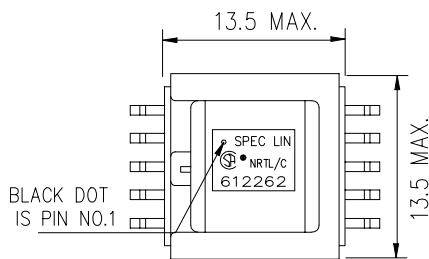
RETURN LOSS : 25 dB MINIMUM , @ 300Hz TO 3KHz

TOTAL HARMONIC DISTORTION : -72 dB MAX. @ 600Hz, -10dBm

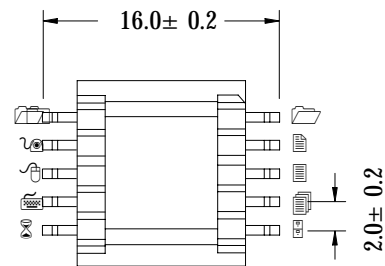
HI-POT TEST : 1.25 KVAC BETWEEN PRI. - SEC. FOR 2 SEC.



SCHEMATIC



TOP VIEW



BOTTOM VIEW

CHECKUP : _____

DESIGN : _____

DRAWER : _____

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AGENCY NO.

UL NO. : E181559

CSA NO. : LR107869

ISO 9002 : 036809750

DRAWING NO.

612262

UNITS
mm

SHEET
1 OF 1

