

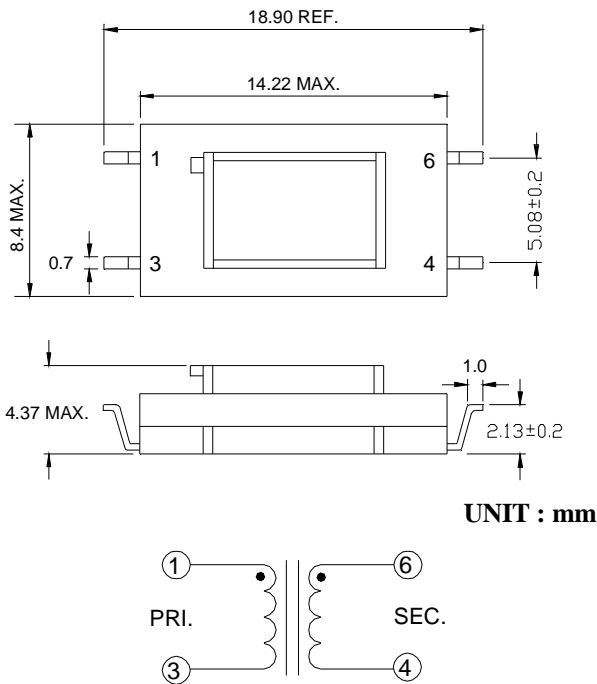
# Modem Coupling Transformer (V.90) – UT68444

## ELECTRICAL SPECIFICATIONS AT 25°C :

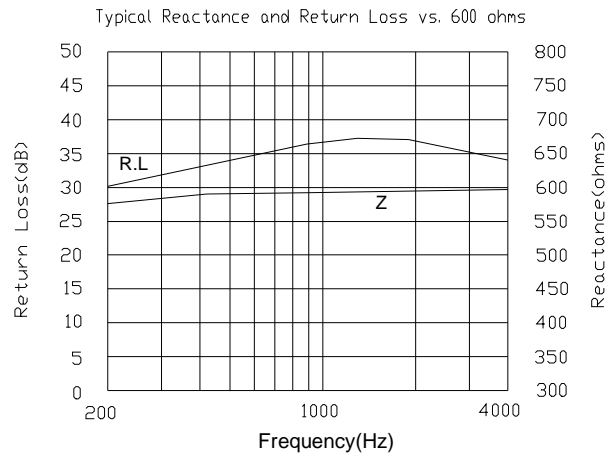
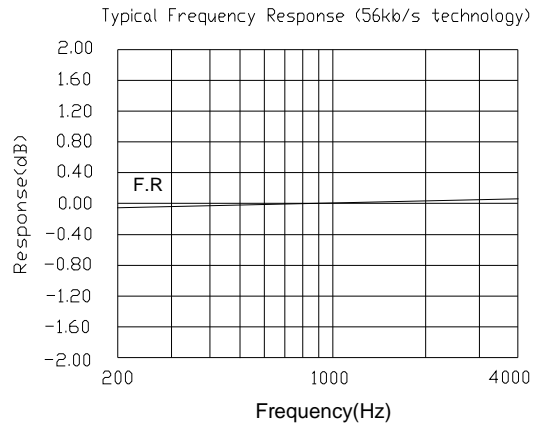
- \*Impedance : Designed to reflect 600ohms on PRI.  
with 290ohms on SEC.
- \*Turns Ratio : 1:1 ±2%
- \*D.C. in PRI. : None.
- \*D.C. Resistance : PRI.:148ohms , ±15%.  
SEC.:171ohms ±15%.
- \*Dielectric Test : 1250Vac , PRI. to SEC.
- \*Insertion Loss : 3.3dB±0.25dB. , at 1KHz , 0dBm.
- \*Frequency Response : ±0.10dB , 300Hz to 3.5KHz. , 1KHz 0dB  
ref.
- \*Total Harmonic Distortion : -76.0dB max. , @ 600Hz , -10dBm .
- \*Return Loss : 30dB min. , 300Hz to 3500Hz.
- \*Longitudinal Balance : 60dB min., 200Hz to 1000Hz.  
40dB min., 1KHz to 4KHz.

Note: Specifications are subject to change without prior notice.

## SCHEMATIC DIAGRAMS & DIMENSIONS :



## TYPICAL GRAPHS :



## SPICE TRANSMISSION MODEL :

