

# Miniature Encapsulated Audio Input Transformer—UT41675

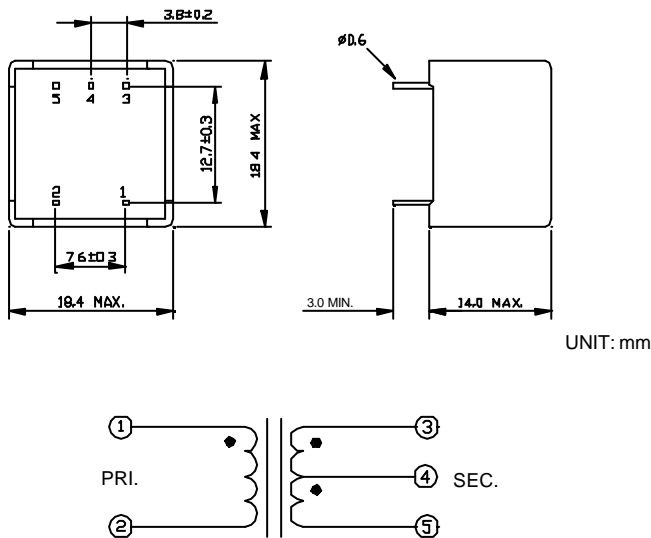
## ELECTRICAL SPECIFICATIONS AT 25°C :

- \*Impedance : Designed to reflect 600ohms on PRI. with 600ohms on SEC.
- \*Turns Ratio : 1:1CT  $\pm 2\%$
- \*D.C.Current in PRI. : None.
- \*Dielectric Test : 1.5KVac @ 0.5mA 1min., PRI. to SEC.
- \*Frequency Response :  $\pm 0.5\text{dB}$  , 60Hz to 25KHz.  
 $\pm 0.75\text{dB}$  , 30Hz to 25KHz.
- \*Total Harmonic Distortion : 1% max. , @ 60Hz , -10dBm .
- \*Return Loss : 19dB min. , 300Hz to 3.4KHz.

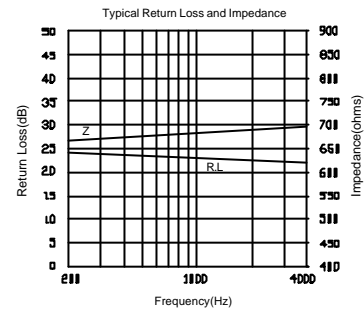
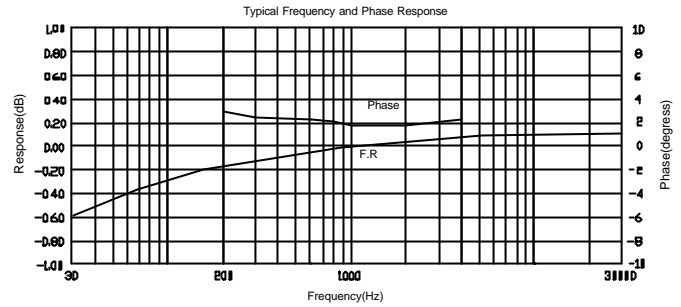


- NOTE : 1. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT41675**
  - b.) Date Code suffix to "G" (xxxxG).
  - c.) Solder : Sn/Cu .
2. Specifications are subject to change without prior notice.

## SCHEMATIC DIAGRAMS & DIMENSIONS :



## TYPICAL GRAPHS :



## SPICE TRANSMISSION MODEL :

