

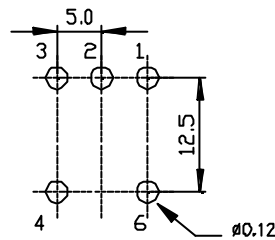
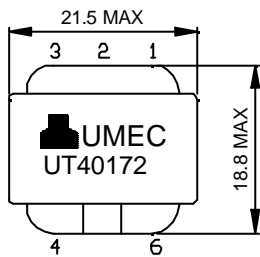
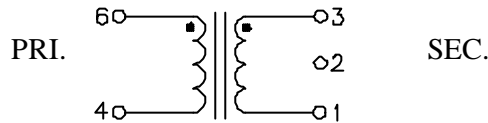
# DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT40172	Transformer	B1	2005/52

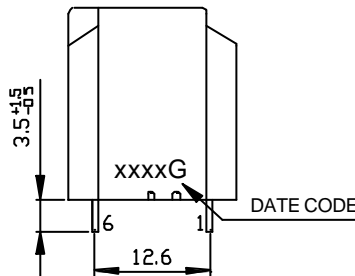
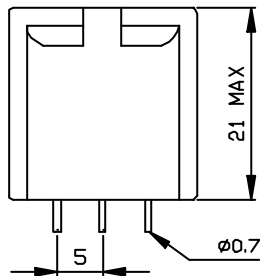
### Electrical specification at 25<sup>0</sup>C:

- 1.) Turns Ratio : 1:1±4% , at 15.75KHz 1V , PIN(6-4) : PIN(3-1)
- 2.) Impedance : 600Ω +20%/-0% , at 1KHz 1V , Idc=50mA, 0mA , PIN(6-4) ; PIN(3-1) with 600Ω  
: 500Ω min. , at 400Hz 1V , Idc=50mA, 0mA , PIN(6-4) ; PIN(3-1) open.
- 3.)D.C.R : 50Ω ±15% , PIN(6-4) .  
: 115Ω ±15% , PIN(3-1) .
- 4.)Insertion Loss : 2.0dB max. , at 1KHz 1V .
- 5.)Frequency Response : ±2.5dB , at 300Hz , ref 1KHz 0dB .  
: ±1.0dB , at 4KHz , ref 1KHz 0dB .
- 6.)insulation Resistance : 10MΩ min. , at 500Vdc , PIN(6-4) to PIN(3-1).
- 7.)HI-pot test : 1200Vac 1s , Leakage current 0.5mA , PIN(6-4) to PIN(3-1) .

### Schematic diagram & Dimension:



SUGGESTED P.C.B LAYOUT



- NOTE : 1. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT40172**
  - b.) Date Code suffix to "G" (xxxxG).
  - c.) Solder : Sn/Cu .
2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±0.2mm

E10-007-C



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