

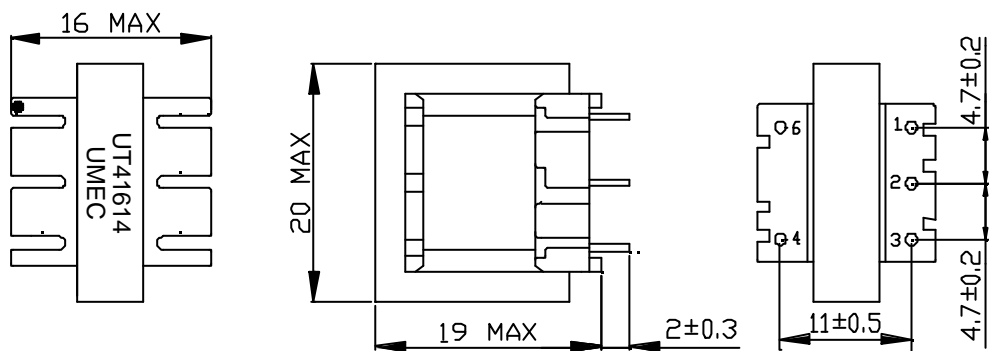
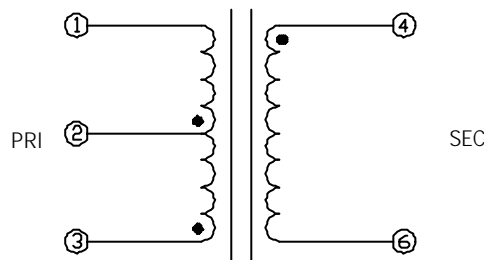
# DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT41614	Transformer	A1	2005/30

### Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 30 : 1  $\pm$ 2% , PIN(3-1): PIN(4-6).  
: 2 : 1  $\pm$ 2% , PIN(3-2): PIN(4-6).
- 2.) D.C.R : 1200 $\Omega$  $\pm$ 30% , PIN(3-1) .  
: 12 $\Omega$  $\pm$ 30% , PIN(4-6) .
- 3.) Capacitance : 80pF max. , at 100KHz 1V, PIN(3-1) to PIN(4-6) .
- 4.) Impedance : 115K $\Omega$ ~135K $\Omega$ , at 1KHz 1V, PIN(3-1) ; PIN(4-6) with 150 $\Omega$ Load.
- 5.) Insertion Loss : 3.61dB max. , 200Hz ~ 3.5KHz . (135KO:150O)
- 6.) Distortion : 1% max. , at 300Hz 1Vrms .
- 7.) Insulation Resistance : 100M $\Omega$ min.,at 500V, any winding to any other winding or core .
- 8.) HI-pot test : 500Vrms 2s , Primary to Secondary; Primary to Core; Secondary to Core

### Schematic diagram & Dimension:



- NOTE : 1. For RoHS compliant products:  
 a.) The UMEC ordering code: **TG-UT41614**  
 b.) Date Code suffix to "G" (xxxxG).  
 c.) Solder : Sn/Ag/Cu .  
 2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances :  $\pm$ 0.2mm

E10-007-C



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