

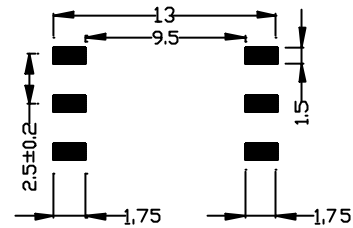
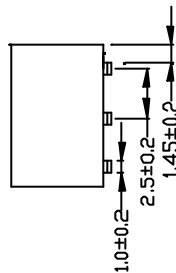
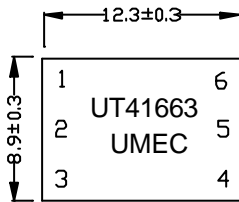
DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT41663	Transformers	A5	2006/50

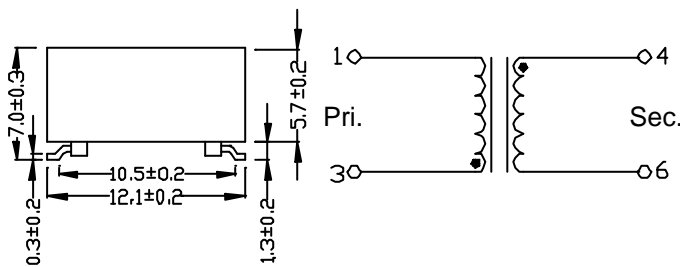
Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1.0 : 1.0 ±2% ,PIN(1-3):PIN(6-4) .
- 2.) D.C.R. : 115Ω±15% , PIN(1-3) .
: 115Ω±15% , PIN(4-6) .
- 3.) Shunt Inductance(Lp) : 3.0H min. , at 200Hz 1V, PIN(1-3) & (6-4) .
- 4.) Shunt Loss(Rp) : 7.5KΩ min. , at 200Hz 1V, PIN(1-3) & (6-4) .
- 5.) Leakage Inductance : 6mH max. ,at 1KHz 1V,PIN(1-3) ; PIN(6-4)shorted.
- 6.) T.H.D. : -60dB max. , at 600Hz -10dBm.
- 7.) HI-pot test : 4.0KVrms 0.5mA 2's , PIN1 to 6 .
- 8.) Insertion Loss : 2.0dB max. , at 2KHz .
- 9.) Frequency Response : ±0.25dB max. , at 200Hz~4KHz .
- 10.) Return Loss : 24dB min. , at 200Hz~4KHz .
- 11.) Balance : 80dB min. , at 200Hz~4KHz .
- 12.) Insulation Resistance : 100MΩ min. , at 500V , PIN(1-3) to PIN(6-4) .

Schematic diagram & Dimension:



SUGGEST P.C.B. LAYOUT



- NOTE : 1. Packaging Information: Tape and Reel according to Item NO. "ED8" of data sheet 01-00
 2. For RoHS compliant products:
 a.) The UMEC ordering code: **TG-UT41663**
 b.) Date Code suffix to "G" (xxxxG).
 c.) Solder : Sn/Ag/Cu .
 d.) Designed for IR reflow soldering at temperature 225±5°C
 3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±0.2mm



UNIVERSAL MICROELECTRONICS CO.,LTD.
 TEL:886-4-23590096 FAX:886-4-23590129
<http://www.umec-web.com> Email:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
 TAICHUNG,TAIWAN,R.O.C

E10-007-C