

DATA SHEET

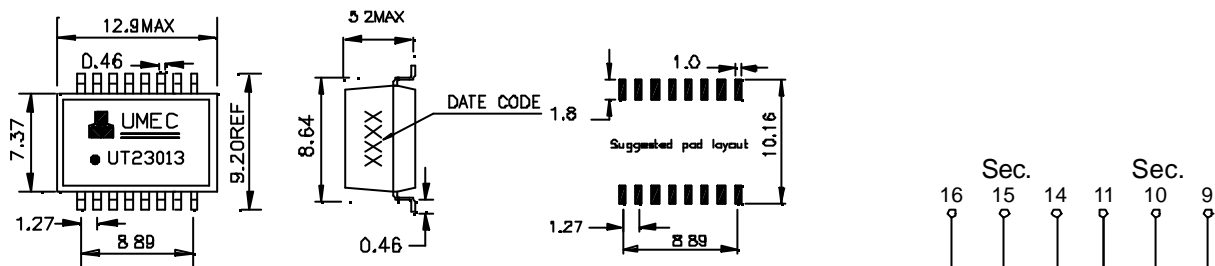
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT23013	TRANSFORMERS	A2	06/03

ELECTRICAL SPECIFICATIONS AT 25 °C:

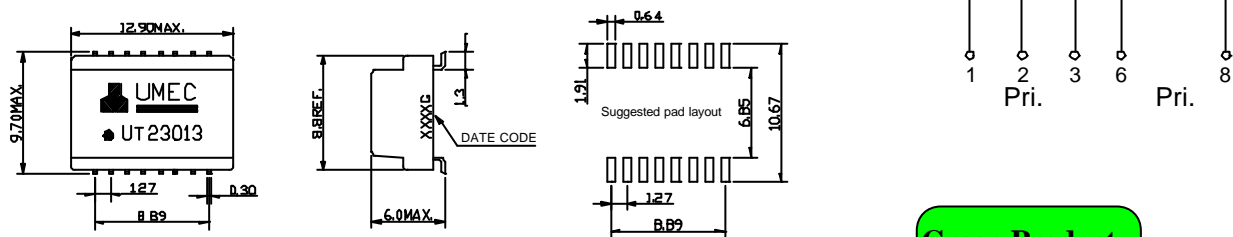
1. TURNS RATIO: 1CT: 2CT±5% AT 15.75KHz 1Vrms.PIN(16-15-14):(1-2-3)
1:1.36CT±5% AT 15.75KHz 1Vrms.PIN(6-8):(11-10-9)
2. PRI. INDUCTANCE: 1.2mH Min. AT 100KHz 20mVrms +25°C.
3. PRI. INDUCTANCE: 600uH Min. AT 100KHz 20mVrms -40°C.
4. INTERWINDING CAPACITANCE: 30pF Max. AT 100KHz 1Vrms.
5. LEAKAGE INDUCTANCE: 0.6uH Max. AT 100KHz 1Vrms
6. PRI. D.C.RESISTANCE: 0.70Ω Max.
7. SEC. D.C.RESISTANCE: 1.20Ω Max. PIN(1-3) ; 0.80Ω Max. PIN(11-9).
8. HI-POT: 1500Vrms/2SEC. LEAKAGE CURRENT 0.5mA Max. PRI. TO SEC.
9. PRI. PINS: 6-8, 1-3
10. OPERATING TEMPERATURE RANGE IS -40°C TO +85°C.

DIMENSIONS & SCHEMATICS:

Non-RoHS:



RoHS Compliant:



Coplanarity:0.1mm Tolerance:±0.25mm



NOTE : 1. Packaging Information:

- a.) Non-RoHS : Tape and Reel according to Item NO.“SO16 ” of data sheet 01-00
 - b.) RoHS compliant: Tape and Reel according to Item NO.“SO16A ” of data sheet 01-00
2. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT23013**
 - b.) Date Code suffix to “G” for Green Product(xxxxG).
 - c.) Solder : Sn/Ag/Cu .
3. Specifications are subject to change without prior notice.

E10-007-C



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