

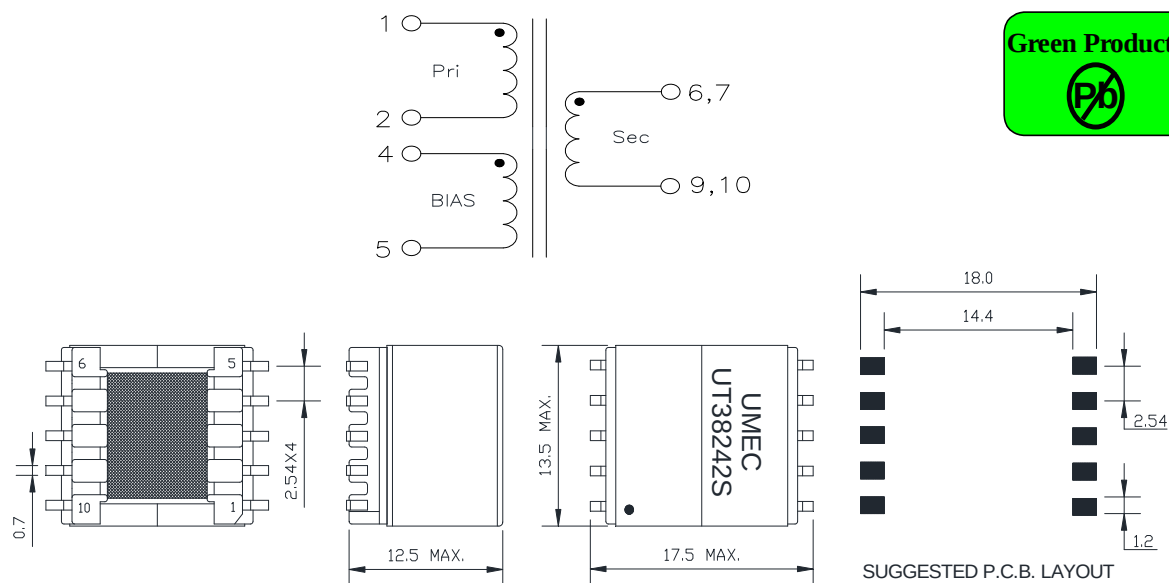
DATA SHEET

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT38242S	Transformer	A0	2015/26

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1.77:1 $\pm 2\%$, PIN(1-2) : PIN(6,7-9,10)PRI. : SEC.
: 1.92:1 $\pm 2\%$, PIN(1-2) PIN(4-5).
- 2.) D.C.R. : 110.0m Ω max. , PIN(1-2).
: 40.0m Ω max. , PIN(6,7-9,10).
: 561.0m Ω max. , PIN(4-5).
- 3.) Inductance : 100.5uH $\pm 10\%$, at 100KHz 200mV, PIN(1-2).
- 4.) Leakage Inductance : 0.875uH max. , at 100KHz 200mV, PIN(1-2) ; PIN(4-5-6-7-9-10)shorted..
- 5.) HI-pot test : 1500Vac/1mA 1s , PIN(1-2-4-5) to PIN(6-7-9-10).
- 6.) Operating Temperature : -40°C to +125°C

Schematic diagram & Dimension:



- NOTE : 1. Packaging Information: Tape and Reel according to Item NO.“EP13” OF DATA SHEET 01-00
2. For RoHS compliant products:
 - a.) Ordering code (Manufacturer Part Number): **TG-UT38242S**
 - b.) Date Code suffix to “G” (xxxxG).
 - c.) Solder : Sn/Ag/Cu .
 3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : $\pm 0.2\text{mm}$

E10-007-C



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

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