

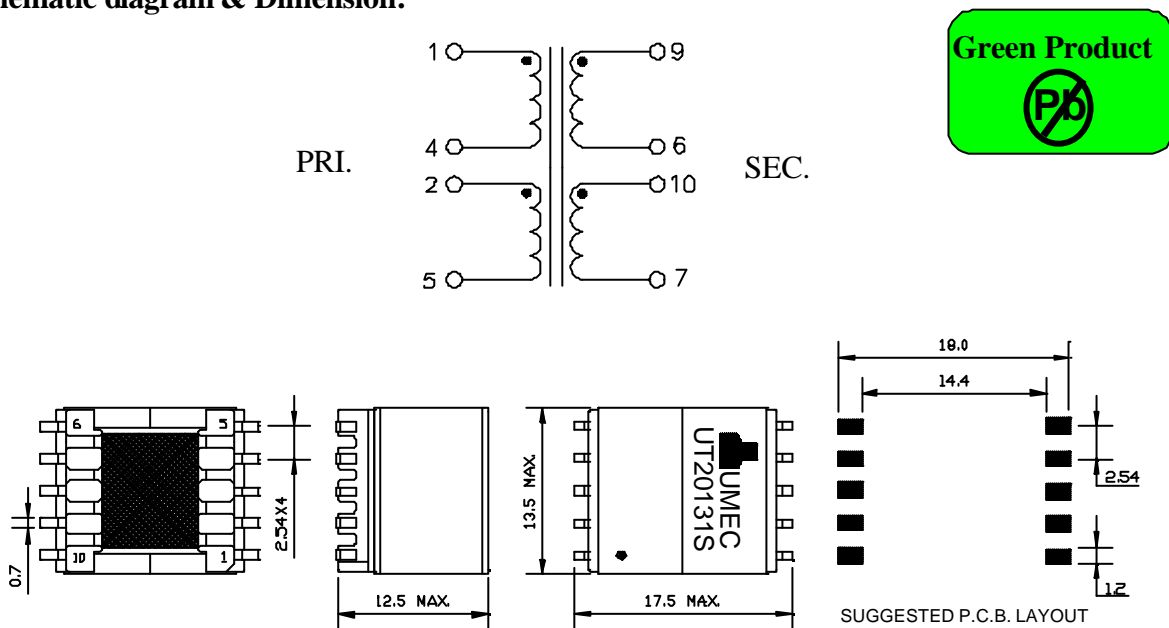
ADSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20131S	ADSL Transformer	A3	2006/08

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 2CS : 1CS \pm 2% , PIN(1-4-2-5) : PIN(10-7-9-6) .
- 2.) D.C.R : 0.38 Ω max. , PIN(1-4) .
: 0.38 Ω max. , PIN(2-5) .
: 0.17 Ω max. , PIN(9-6) .
: 0.17 Ω max. , PIN(10-7) .
- 3.) Inductance : 389 μ H~430 μ H , at 10KHz 100mV, PIN(1-5) ; PIN(4-2) shorted.
- 4.) Leakage Inductance : 7 μ H max. ,at 100KHz 100mV,PIN(1-5) ; PIN(4-2)&PIN(10-7-9-6) shorted.
- 5.) THD : -76dB typ. , at 40KHz 6V.
- 6.) HI-pot test : 500Vac 50Hz/2s , PIN(1-4) to PIN(2-5) .
: 500Vac 50Hz/2s , PIN(10-7) to PIN(9-6) .
: 2000Vac 50Hz/60s , PRI. to SEC.
: 1500Vac 50Hz/60s , PRI. + SEC. to CORE.
- 7.) Operating Temperature : -40 to +85 °C

Schematic diagram & Dimension:



NOTE : 1. Packaging information-tape and reel according to item no. "EP13(SMD)" of data sheet 01-00

2. For RoHS compliant products:

- a.) The UMEC ordering code: **TG-UT20131S**
- 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 0.2mm



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E10-033-C