

ADSL

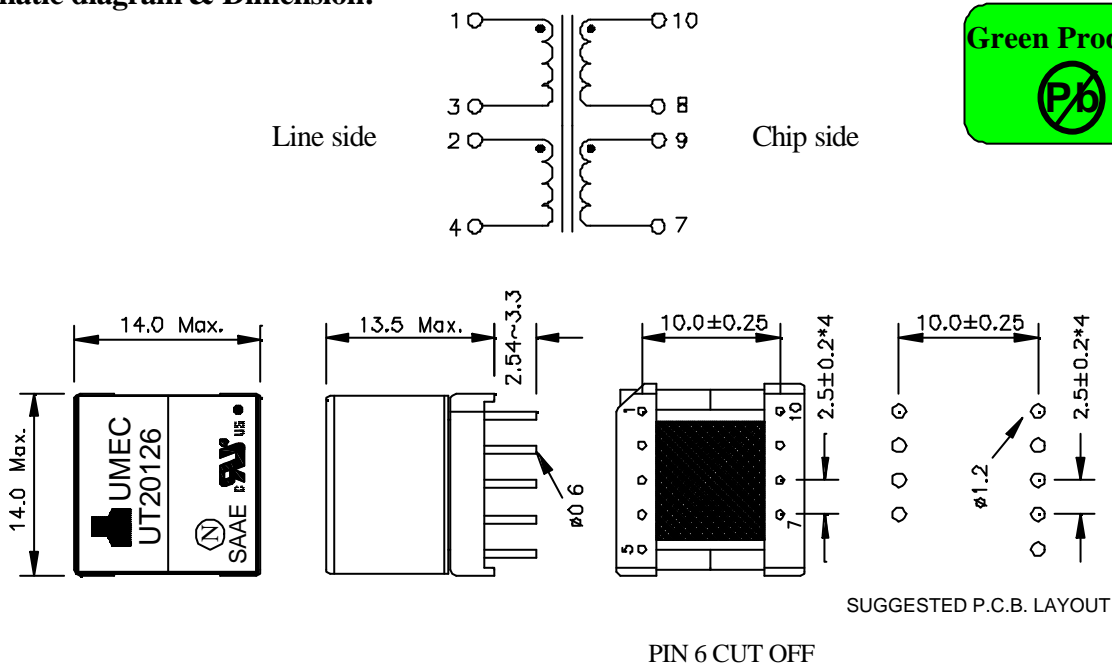
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20126	ADSL Transformer for Globespan IC (EL-1501) at Central Office	B7	2006/06

Electrical specification at 25 °C:

- 1.) Turns Ratio and Polarity : 1CS : 1.4CS \pm 2% , Line Side(Primary) : Chip Side(Secondary) .
- 2.) D.C.R : 0.7 Ω \pm 10% , PIN(1-3) .
: 0.7 Ω \pm 10% . , PIN(2-4) .
: 1.09 Ω \pm 10% , PIN(10-8) .
: 1.09 Ω \pm 10% , PIN(9-7) .
- 3.) Line Side Inductance : 476.5uH \pm 5% , at 10KHz 100mV, PIN(1-4) ; PIN(2-3) shorted .
- 4.) Leakage Inductance : 10uH max. , at 100KHz 100mV, PIN(1-4); PIN(10-8-9-7)&PIN(3-2) shorted.
- 5.) Interwinding Capacitance : 18pF max. , 10KHz 100mV , PIN(1-3-2-4) to PIN(10-8-9-7) .
- 6.) Longitudinal Balance : 60dB min . , 20KHz ~ 250KHz .
- 7.) T.H.D : -74dB typ. , at 100KHz 6V .
- 8.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Primary to Secondary .
- 9.) Operating Temperature : -40 to +85 °C

Note: The SAAE series transformer meets the specifications for supplementary insulation per UL60950-1, CSA60950-1, IEC60950-1 with working voltage of 250V.

Schematic diagram & Dimension:



- NOTE : 1. For RoHS compliant products:
- a.) The UMEC ordering code: **TG-UT20126**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/ Cu .

2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : \pm 0.2mm

AGENCY APPROVALS

UL60950-1	: FILE NO. E212730	IEC60950-1	: CB Rrf. #DK-8600
CSA 60950-1 (via C-UL)	: FILE NO. E212730	Nordic, Japan, &Australia Deviations	: CB Rrf. #DK-8600
Nemko (EN60950-1)	: Certificate NO. P05203908		



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E10-033-C