

ADSL

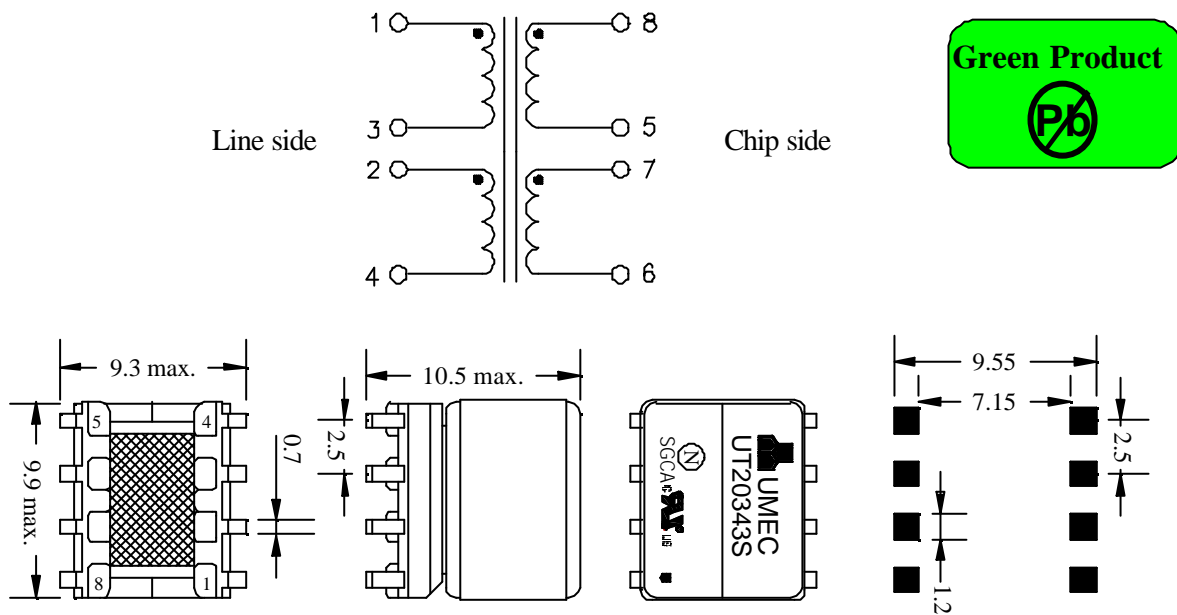
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20343S	ADSL Transformer	A5	2005/18

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1.39CS : 1CS \pm 2% , Line side to Chip side.
- 2.) D.C.R. : 0.440 Ω max. , PIN(1-3) .
: 0.440 Ω max. , PIN(2-4) .
: 0.550 Ω max. , PIN(8-5) .
: 0.550 Ω max. , PIN(7-6) .
- 3.) Line side Inductance : 420uH \pm 5% , at 10KHz 100mV, PIN(1-3-2-4)
: 420uH \pm 6% , at 10KHz 100mV 120mADC, PIN(1-3-2-4)
- 4.) Leakage Inductance : 8.5uH max. ,at 100KHz 100mV, PIN(1-3-2-4) ; PIN(8-5-7-6) shorted
- 5.) Longitudinal Balance : 50dB min. , at 2.2MHz .
- 6.) T.H.D. : -78dB max. ,at 30KHz 3.15V .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .
- 8.) Operating Temperature : -40 to +85 °C

Note: The SGCA series transformer meets the specifications for supplementary insulation per UL60950-1, CSA60950-1, EN60950-1, IEC60950-1 with working voltage of 250V.

Schematic diagram & Dimension:



SUGGESTED P.C.B. LAYOUT

- NOTE : 1. Packaging Information: Tape and Reel according to Item NO. "EP7H" of data sheet 01-00
 2. For RoHS compliant products:
 a.) The UMEC ordering code: **TG-UT20343S**
 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

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. P05203901		



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E10-033-C