

ADSL

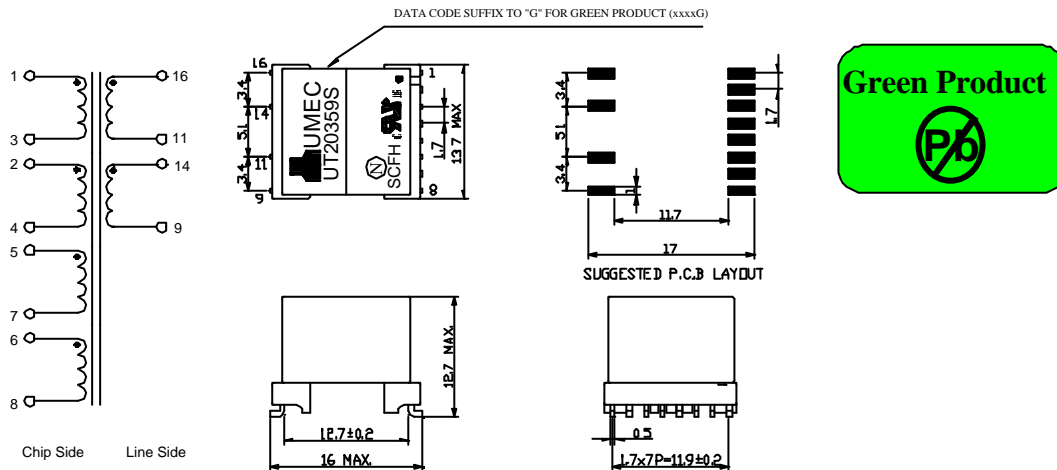
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20359S	ADSL Transformer	D0	2005/24

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 4.2CS : 1.0CS $\pm 2\%$,PIN(16-9):PIN(1-4) ; PIN(11-14) & PIN(3-2) shorted .
: 2.0CS : 1.0CS $\pm 2\%$,PIN(16-9):PIN(5-8) ; PIN(11-14) & PIN(7-6) shorted .
- 2.) D.C.R. : 0.100 Ω max. , PIN(1-3) .
: 0.100 Ω max. , PIN(2-4) .
: 0.600 Ω max. , PIN(5-7) .
: 0.600 Ω max , PIN(6-8) .
: 1.20 Ω max , PIN(16-11) .
: 1.20 Ω max , PIN(14-9) .
- 3.) Inductance : 1.4mH $\pm 10\%$, at 10KHz 100mV, PIN(16-9) ; PIN(11-14) shorted.
- 4.) Leakage Inductance : 20 μ H max. ,at 100KHz 100mV,PIN(16-9) ; PIN(11-14)&PIN(1-2-3-4)shorted.
: 15 μ H max. ,at 100KHz 100mV,PIN(16-9) ; PIN(11-14)&PIN(5-7-6-8)shorted.
- 5.) Interwinding capacitance : 80.0pF max. , at 100KHz 100mV,PIN(16-11-14-9):PIN(1-3-2-4)
: 80.0pF max. , at 100KHz 100mV,PIN(16-11-14-9):PIN(5-7-6-8)
- 6.)T.H.D. : -80dB max. , at 30KHz 2V .
- 7.)HI-pot test : 1500Vac 60s or 1875Vac 1s , PIN(1-3-2-4-5-7-6-8):PIN(16-11-14-9) .
- 8.)Operating Temperature : -40 to +85 °C

Note: The SCFH 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. Packaging Information: Tape and Reel according to Item NO. "EP13(L16)" of data sheet 01-00
2. For RoHS compliant products:
a.) The UMEC ordering code: **TG-UT20359S**
b.) Date Code suffix to "G" (xxxxG).
c.) Solder : Sn/Ag/Cu .
3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ± 0.2 mm

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