

ADSL

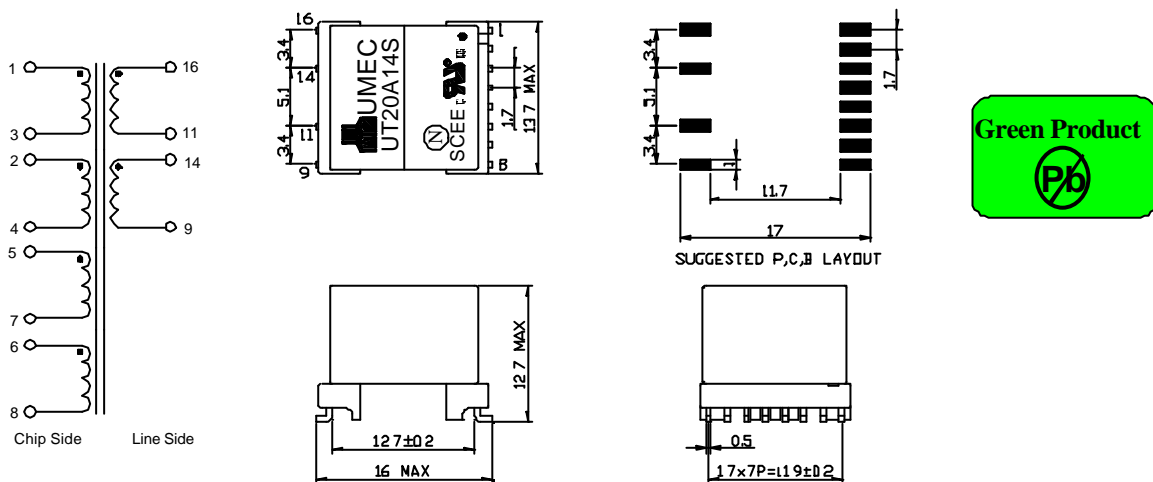
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20A14S	ADSL Transformer	A0	2005/39

Electrical specification at 25°C:

- | | |
|------------------------------|---|
| 1.) Turns Ratio and Polarity | : 4.25CS : 1.0CS \pm 5% ,PIN(16-9):PIN(5-8) ; PIN(11-14) & PIN(7-6) shorted .
: 1.0CS : 1.0CS \pm 3% ,PIN(16-9):PIN(1-4) ; PIN(11-14) & PIN(3-2) shorted . |
| 2.) D.C.R. | : 0.95 Ω max. , PIN(1-3) ; PIN(2-4) .
: 0.35 Ω max. , PIN(5-7) ; PIN(6-8) .
: 0.55 Ω max. , PIN(16-11) ; PIN(14-9) . |
| 3.) Inductance | : 400 μ H \pm 5% , at 10KHz 100mV, PIN(16-9) ; PIN(11-14) shorted. |
| 4.) Leakage Inductance | : 15.0 μ H max. ,at 100KHz 100mV,PIN(1-4) ; PIN(3-2)&PIN(5-7-6-8-9-11-14-16)shorted.
: 1.0 μ H max. ,at 100KHz 100mV,PIN(5-8) ; PIN(6-7)&PIN(1-3-2-4-9-11-14-16)shorted. |
| 5.) Interwinding capacitance | : 60.0pF max. , at 100KHz 100mV,PIN(1-3-2-4):PIN(9-11-14-16)
: 35.0pF max. , at 100KHz 100mV,PIN(5-7-6-8):PIN(9-11-14-16)
: 60.0pF max. , at 100KHz 100mV,PIN(1-3-2-4):PIN(5-7-6-8) |
| 6.) T.H.D. | : -83dB max. , at 85KHz 5.0Vpp . PIN(16-14-11-9):PIN(1-3-2-4) |
| 7.) HI-pot test | : 1500Vac 60s or 1875Vac 1s , PIN(1-3-2-4-5-7-6-8):PIN(9-11-14-16) . |
| 8.) Operating Temperature | : -40°C to +85°C |

Note: The SCEE 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-UT20A14S**
 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. P05203908		



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E10-033-C