

SHDSL

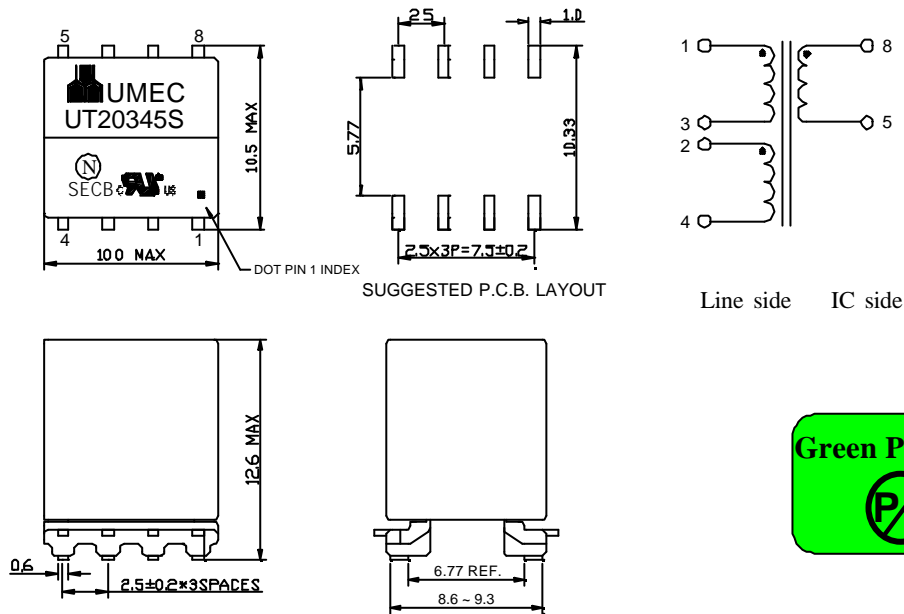
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20345S	SHDSL Transformer, Approved by Infineon For SHDSL SOCRATES-Bis Family (PEF22624 / 24624)	A3	2005/39

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 4.5 : 1 ±2% , PIN(1-3-2-4):(8-5) .
- 2.) D.C.R. : 7.00Ω max. , PIN(1-3-2-4) .
: 1.30Ω max. , PIN(8-5) .
- 3.) Inductance : 3.0mH ±10% , at 10KHz 100mV, PIN(1-3-2-4) .
- 4.) Leakage Inductance : 20uH max. ,at 100KHz 100mV,PIN(1-3-2-4) ; PIN(8-5) shorted .
- 5.) Cw/w : 40pF max. ,at 100KHz 100mV,PIN(1-3-2-4):(8-5) .
- 6.) T.H.D. : -74dB max. ,at 5KHz 4V (135:6.7ohms) .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 1s , PIN1&2 to 8 .

Note: The SECB 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:



TKH7 J-LEAD PIN PITCH 2.5mm

- NOTE :
1. Packaging Information: Tape and Reel according to Item NO. "TKH7J" of data sheet 01-00
 2. For RoHS compliant products:
 - a.) The UMEC ordering code: **TG-UT20345S**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/Ag/Cu .
 3. Specifications are subject to change without prior notice.
 4. Patent Core Type (USA and Foreign ,US Patent NO. 6,501,362)

UNIT : mm

Tolerances : ±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