



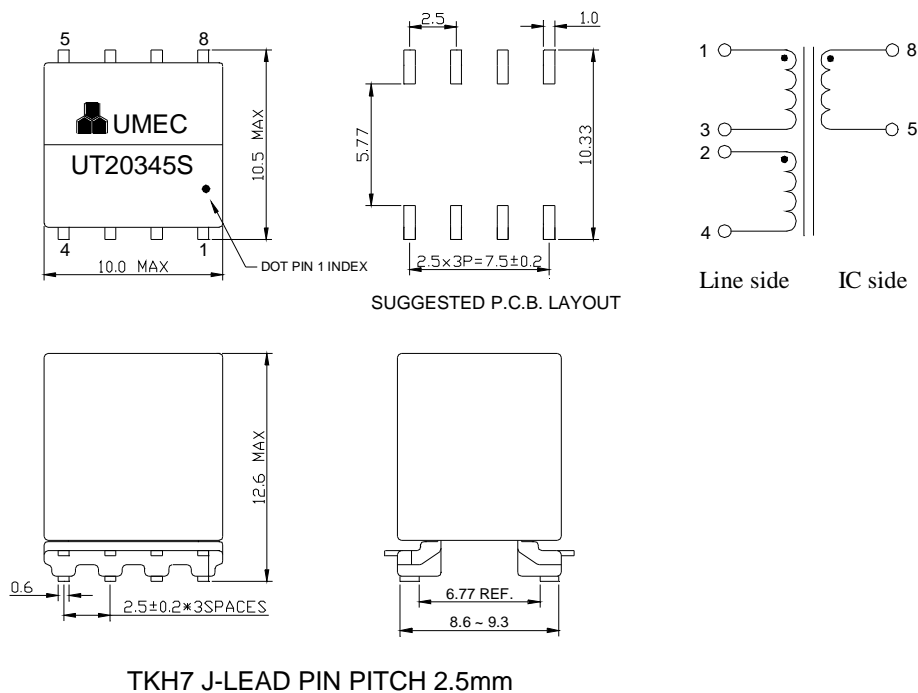
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20345S	SHDSL Transformer, Approved by Infineon For SHDSL SOCRATES-Bis Family (PEF22624 / 24624)	A1	2004/52

### 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 transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V.**

### Schematic diagram & Dimension:



- NOTE: 1. Packaging Information-Tape And Reel According To Item No. "TKH7J" Of Data Sheet 01-00  
 2. Patent Core Type (USA and Foreign ,US Patent NO. 6,501,362)  
 3. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±0.2mm

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