

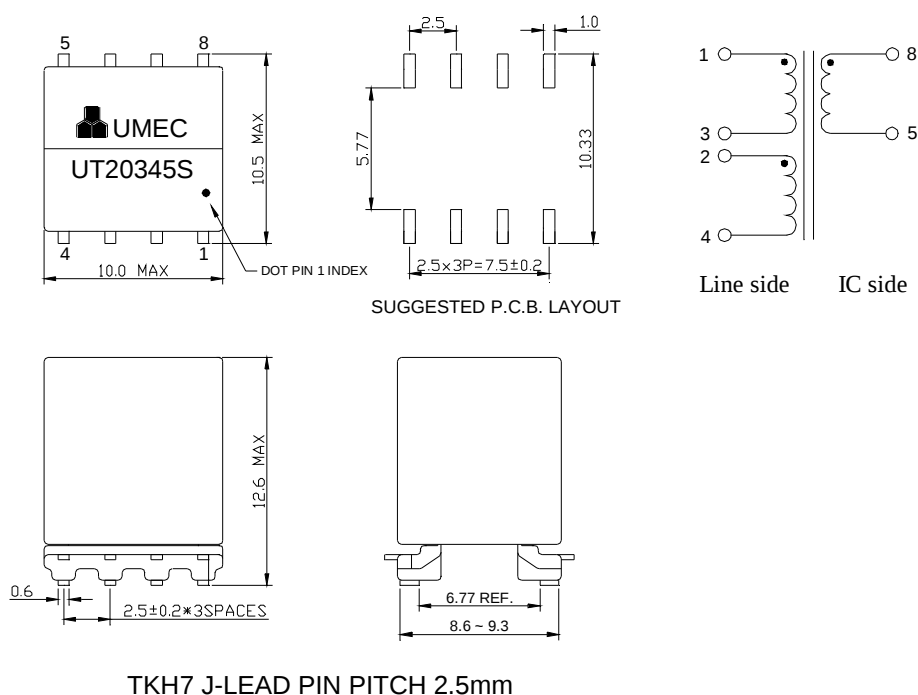
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20345S	SHDSL Transformer, Approved by Infineon For SHDSL SOCRATES-Bis Family (PEF22624 / 24624)	A1	2004/52

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 4.5 : 1 $\pm$ 2% , PIN(1-3-2-4):(8-5) .
- 2.) D.C.R. : 7.00 Ω max. , PIN(1-3-2-4) .
: 1.30 Ω max. , PIN(8-5) .
- 3.) Inductance : 3.0mH $\pm$ 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 : $\pm$ 0.2mm

The information contained in this specification is the sole property of UMEC, Ltd. Any reproduction or use without the written permission of UMEC, Ltd. Is prohibited.



UMEC GmbH

UMEC elektronische Komponenten GmbH
Kreuzenstraße 80 • D-74076 Heilbronn
Tel. 07131/7617-0 • Fax 07131/7617-20 www.umec.de