

# ADSL

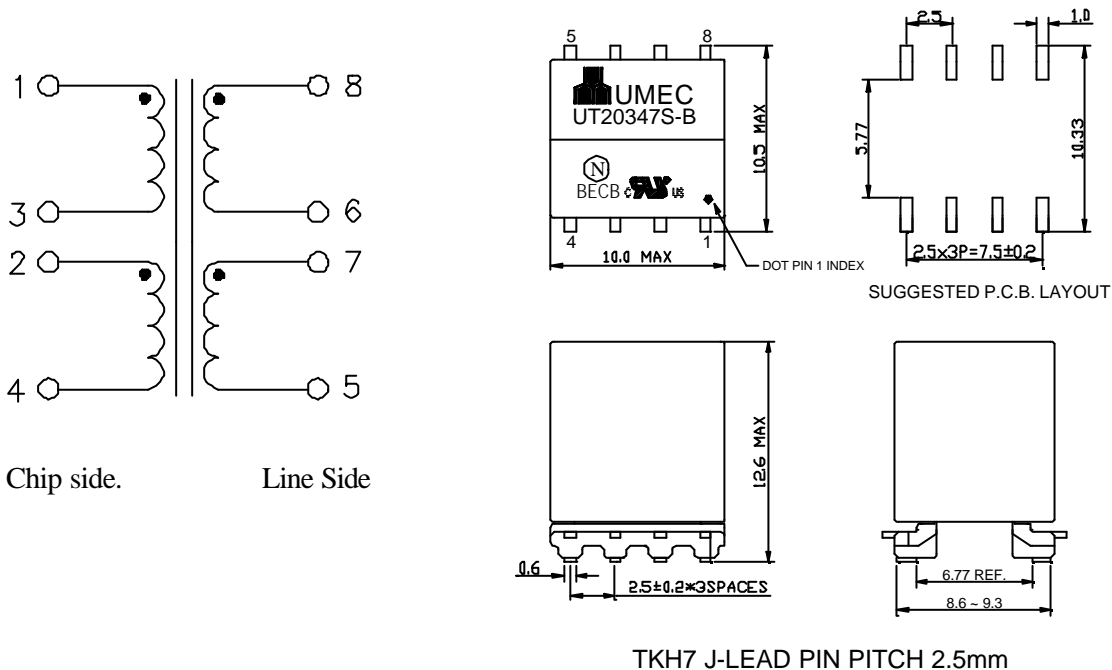
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20347S-B	ADSL Transformer	A1	2005/18

### Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1CS : 1CS  $\pm$ 2% , Line side to Chip side.
- 2.) D.C.R. : 0.875 $\Omega$  max., PIN(8-6) .  
: 0.875 $\Omega$  max., PIN(7-5) .  
: 0.670 $\Omega$  max., PIN(1-3) .  
: 0.890 $\Omega$  max., PIN(2-4) .
- 3.) Inductance : 176uH  $\pm$ 5% , at 10KHz 100mV, PIN(1-4); PIN(3-2) shorted.
- 4.) Leakage Inductance : 5.0uH max. ,at 100KHz 100mV, PIN(1-4) ; PIN(2-3)&PIN(8-6-7-5) shorted.
- 5.) Interwinding Capacitance : 90pF max. , at 100KHz 100mV ; PIN(1-3-2-4) to PIN(8-6-7-5)
- 6.) T.H.D. : -75.0dB max. ,at 10KHz 0.9V .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .

**Note: The BECB series transformer meets the specifications for basic insulation per UL60950-1, CSA60950-1, EN60950-1, IEC60950-1 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 Pending Core Type (USA and Foreign)

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. P05203901		



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