

ADSL

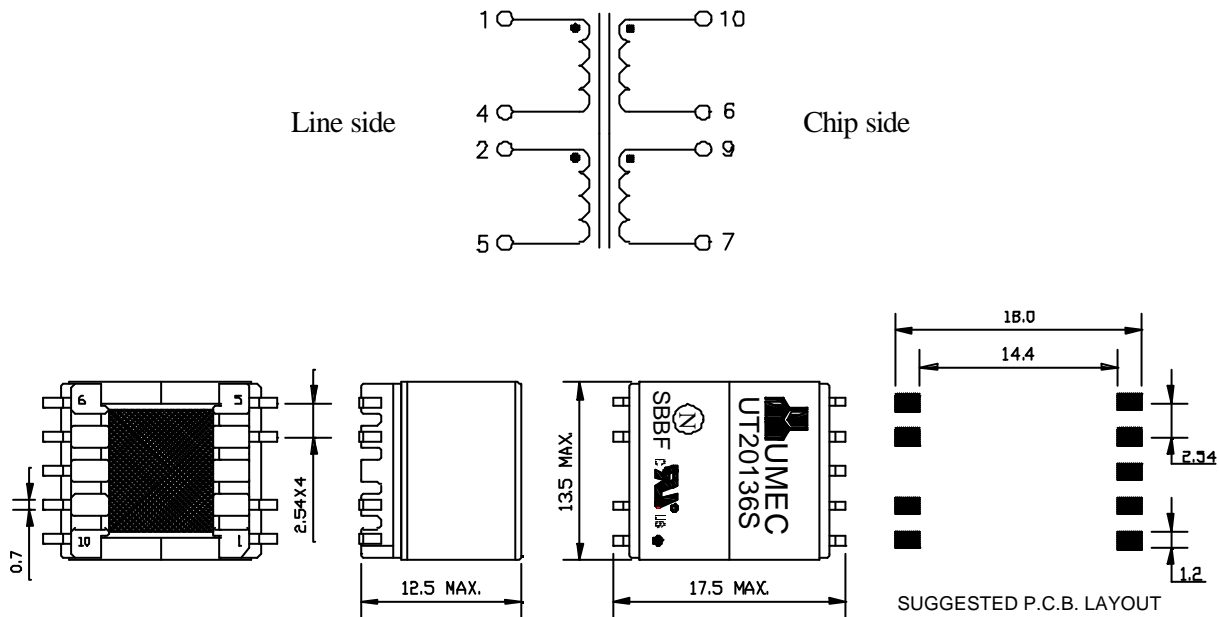
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20136S	ADSL Transformer for AD20msp910 ADSL Chipset	A4	2005/27

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1CS : 1CS $\pm 2\%$, Line side to Chip side.
- 2.) D.C.R. : 1.29 $\Omega \pm 10\%$, PIN(1-4) .
: 1.29 $\Omega \pm 10\%$, PIN(2-5) .
: 1.10 $\Omega \pm 10\%$, PIN(9-7) .
: 1.50 $\Omega \pm 10\%$, PIN(10-6) .
- 3.) Line side Inductance : 5.0mH $\pm 10\%$, at 10KHz 100mV, PIN(1-5); PIN(2-4) shorted.
- 4.) Leakage Inductance : 16uH max. ,at 100KHz 100mV, PIN(1-5) ; PIN(2-4)&PIN(10-6-9-7) shorted.
- 5.) Interwinding Capacitance : 50pF max. , 10KHz 1V , Line side to Chip side.
- 6.) Longitudinal Balance : 40dB min. , 1KHz ~ 1MHz .
- 7.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .
- 8.) Operating Temperature : -40 to +85 °C

Note: The SBBF 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(SMD)" OF DATA SHEET 01-00
2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ± 0.2 mm

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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