

ADSL

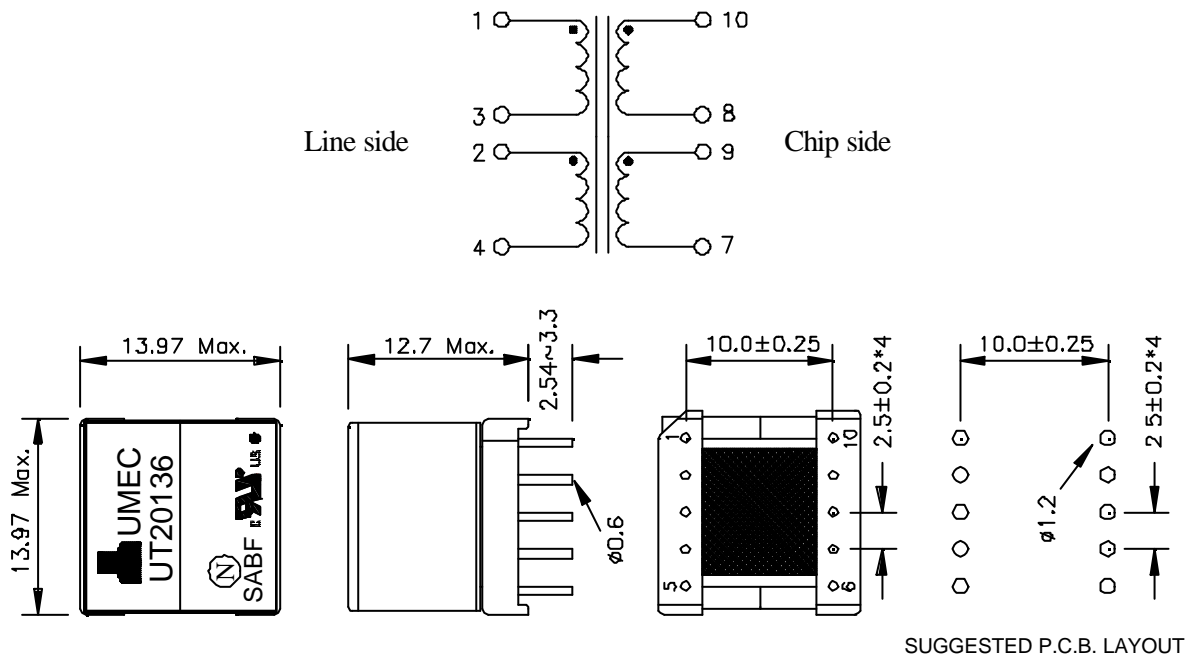
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20136	ADSL Transformer for AD20msp910 ADSL Chipset	A5	2005/27

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1CS : 1CS ±2% , Line side to Chip side.
- 2.) D.C.R. : 1.29Ω±10% , PIN(1-3) .
: 1.29Ω±10% , PIN(2-4) .
: 1.10Ω±10% , PIN(10-8) .
: 1.50Ω±10% , PIN(9-7) .
- 3.) Line side Inductance : 5.0mH±10% , at 10KHz 100mV, PIN(1-4); PIN(2-3) shorted.
- 4.) Leakage Inductance : 16uH max. ,at 100KHz 100mV, PIN(1-4) ; PIN(2-3)&PIN(10-8-9-7) shorted.
- 5.) Interwinding Capacitance : 50pF max. , 10KHz 1V , Line side to Chip side.
- 6.) Insertion Loss : 0.5dB max. , at 100KHz .
- 7.) Frequency Response : ±1.1dB , 30KHz ~ 1.1MHz .
- 8.) Longitudinal Balance : 40dB min. , 1KHz ~ 1MHz .
- 9.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .
- 10.) Operating Temperature : -40 to +85 °C

Note: The SABF series transformer meets the specifications for supplementary insulation per UL60950-1, CSA60950-1, IEC60950-1 with working voltage of 250V.

Schematic diagram & Dimension:



Note: Specifications are subject to change without prior notice.

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. P05203908		



UNIVERSAL MICROELECTRONICS CO.,LTD.
TEL:886-4-23590096 FAX:886-4-23590129
http://www.umec-web.com Email:business@umec.com.tw

3,27TH RD.,TAICHUNG INDUSTRIAL PARK,
TAICHUNG,TAIWAN,R.O.C

E10-033-C