

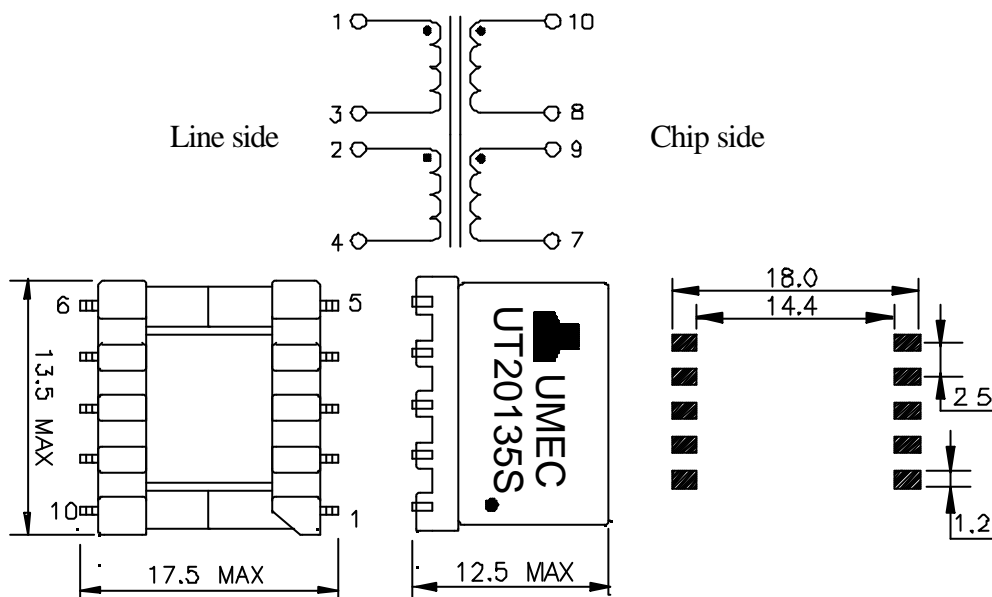
UM PART NO.:	SPECIFICATIONS	REV.	
UT20135S	ADSL Transformer for Alcatel Release 3.0 and 4.0, Customer Premise	B5	2000/51

**Electrical specification at 25°C:**

- 1.) Turns Ratio and Polarity : 1CS : 1CS  $\pm$ 2% , Line side to Chip side.
- 2.) D.C.R. : 0.63 $\Omega$  max. , PIN(1-3) .  
: 0.63 $\Omega$  max. , PIN(2-4) .  
: 0.54 $\Omega$  max. , PIN(9-7) .  
: 0.54 $\Omega$  max. , PIN(10-8) .
- 3.) Line side Inductance : 440uH  $\pm$ 5% , at 10KHz 100mV, PIN(1-4) ; PIN(2-3) shorted.
- 4.) D.C. Current : 100mA max.
- 5.) Leakage Inductance : 10uH max. , at 300KHz 100mV, PIN(1-4) ; PIN(2-3)&PIN(10-8-9-7) shorted.
- 6.) HI-pot test : 1500Vac 60s or 1875Vac 1s , Line side to Chip side .

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

2. The transformer meets UL1950 3rd edition BASIC Insulation .

**Schematic diagram & Dimensions:**


SUGGESTED P.C.B. LAYOUT

- 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 :  $\pm$ 0.2mm E10-033-B

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**AGENCY APPROVALS**

UL 1950	File Number E18505	TÜV	Cert.No.B00 06 15587 039
CSA950(via C-UL)	File Number E185051	BABT	Certificate number 650190



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