

ADSL

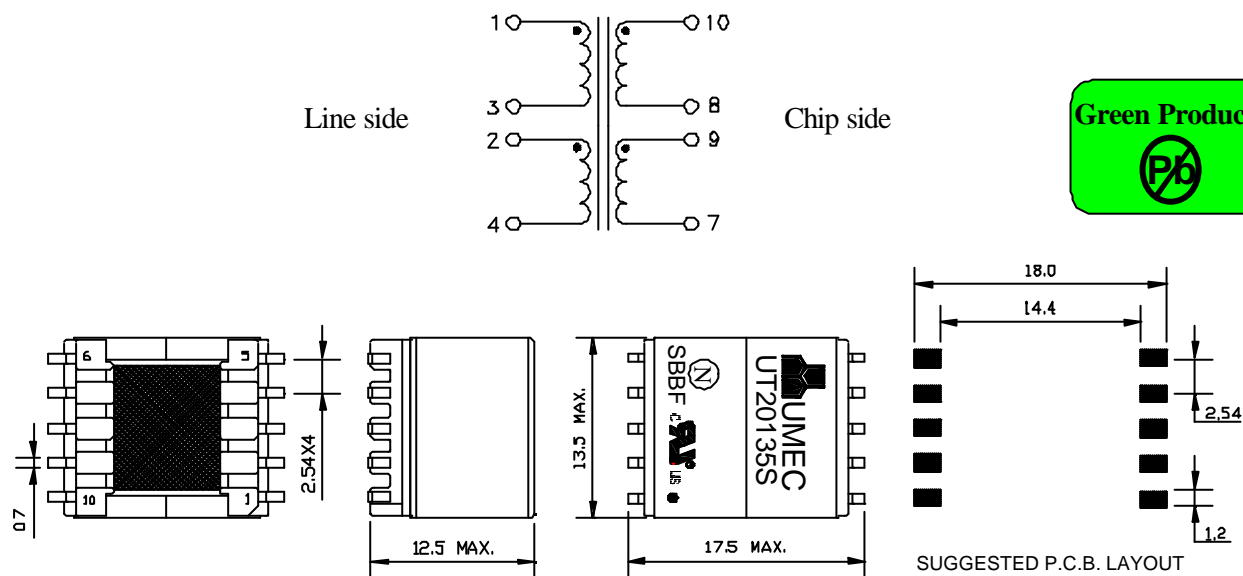
UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20135S	ADSL Transformer for Alcatel Release 3.0 and 4.0, Customer Premise	B6	2005/27

Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1CS : 1CS \pm 2% , Line side to Chip side.
- 2.) D.C.R. : 0.63 Ω max. , PIN(1-3) .
: 0.63 Ω max. , PIN(2-4) .
: 0.54 Ω max. , PIN(9-7) .
: 0.54 Ω 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 .
- 7.) 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 & Dimensions:



- NOTE : 1. Packaging Information: Tape and Reel according to Item NO. "EP13(SMD)" OF DATA SHEET 01-00
2. For RoHS compliant products:
 - a.) The UMEC ordering code: **TG-UT20135S**
 - b.) Date Code suffix to "G" (xxxxG).
 - c.) Solder : Sn/Ag/Cu .
 3. Specifications are subject to change without prior notice.

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. P05203908		



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E10-033-C