

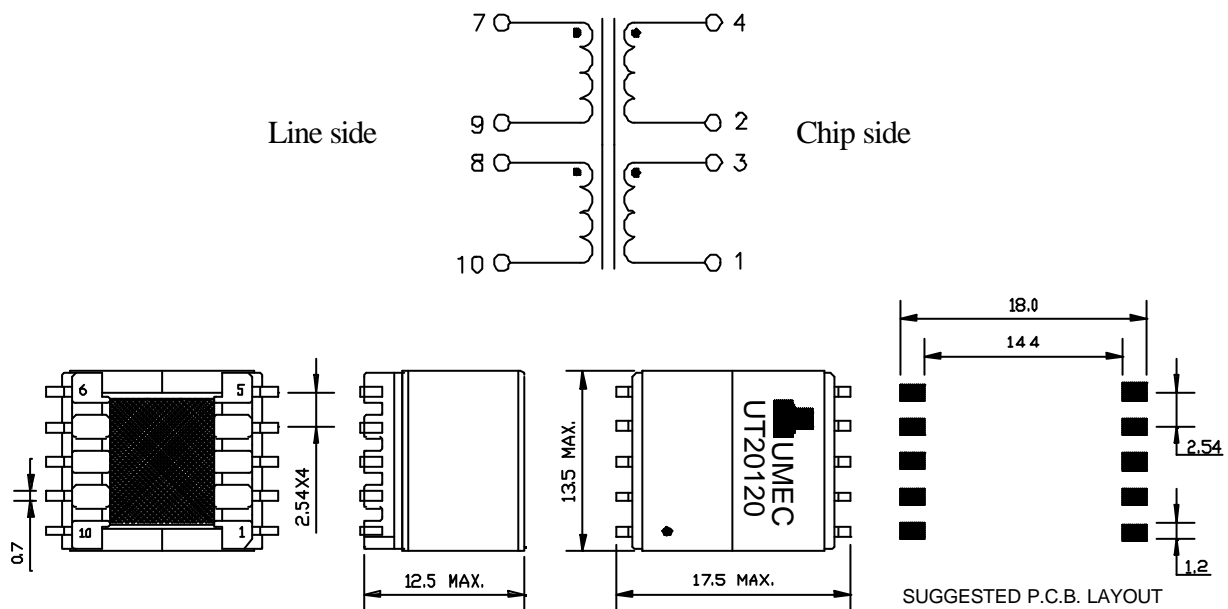
# ADSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20120	ADSL Transformer for ALCATEL'S DynaMiTe MTK-20140 for customer premise end	A3	2000/51

## Electrical specification at 25°C:

- 1.) Turns Ratio and Polarity : 1CT : 1CT  $\pm 2\%$  , Line side to Chip side.
- 2.) D.C.R : 1.0 $\Omega$  max. , PIN(4-1) , PIN(2-3) shorted.  
1.0 $\Omega$  max. , PIN(7-10) , PIN(9-8) shorted.
- 3.) Inductance : 470uH  $\pm 5\%$  , at 10KHz 100mV, PIN(4-1) ; PIN(2-3) shorted.
- 4.) DC. Current : 100mA max.
- 5.) Leakage Inductance : 10uH max. , at 10KHz 100mV, PIN(7-10) ; PIN(9-8)&PIN(4-2-3-1) shorted.
- 6.) Insertion Loss : 1.5dB max. , 40KHz , 100KHz , 1.2MHz .
- 7.) Longitudinal Balance : 40dB min. , 25KHz to 1.1MHz .
- 8.) Total Harmonic Distortion : -75dB max. , at 40KHz 1V .
- 9.) HI-pot test : 1900Vac 2s , Line side to Chip side .
- 10.) Operating Temperature : 0°C to 70°C .

## 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 :  $\pm 0.2$ mm

