

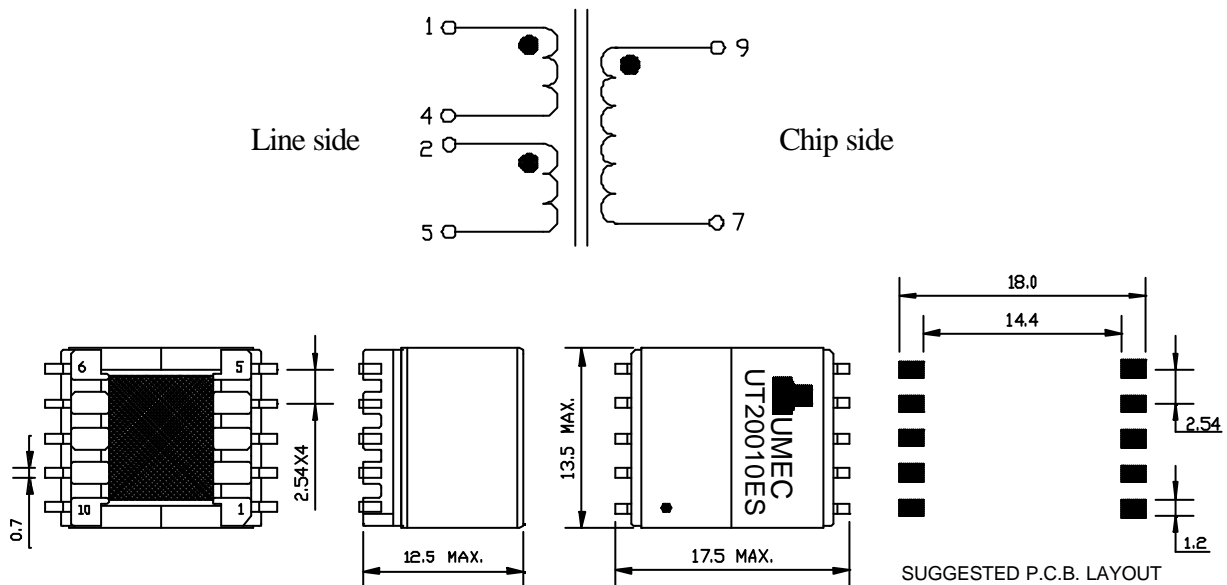
HDSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20010ES	HDSL Transformer for Brooktree BT8970-2320kbps	A2	2000/52

Electrical specification at 25⁰C:

- 1.) Turns Ratio and Polarity : 2.0CS : 1±2% , Line Side to Chip Side .
- 2.) D.C.R : 0.95Ω±10% , PIN(1-4) .
0.95Ω±10% , PIN(2-5) .
0.85Ω±10% , PIN(9-7) .
- 3.) Line side Inductance : 1.0mH±10% , at 10KHz 100mV, PIN(1-5) ; PIN(4-2) shorted .
- 4.) DC. Current : 160mA max .
- 5.) Leakage Inductance : 11uH max. , at 100KHz 100mV, PIN(1-5) ; PIN(4-2)&PIN(9-7) shorted.
- 6.) Insertion Loss : 0.5dB max. , at 80KHz .
- 7.) Frequency Response : ±0.25dB , 80KHz to 580KHz .
- 8.) Longitudinal Balance : 50dB min. , 80KHz to 580KHz .
- 9.) Return Loss : 16.0dB min. , 80KHz to 580KHz .
- 10.) Total Harmonic Distortion : -70dB typ. , at 80KHz 1.85Vrms .
- 11.) HI-pot test : 2500Vac 2s , Line side to Chip side .
- 12.) Operating Temperature : -40⁰C to +85⁰C

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 : ±0.2mm



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E10-032-C