

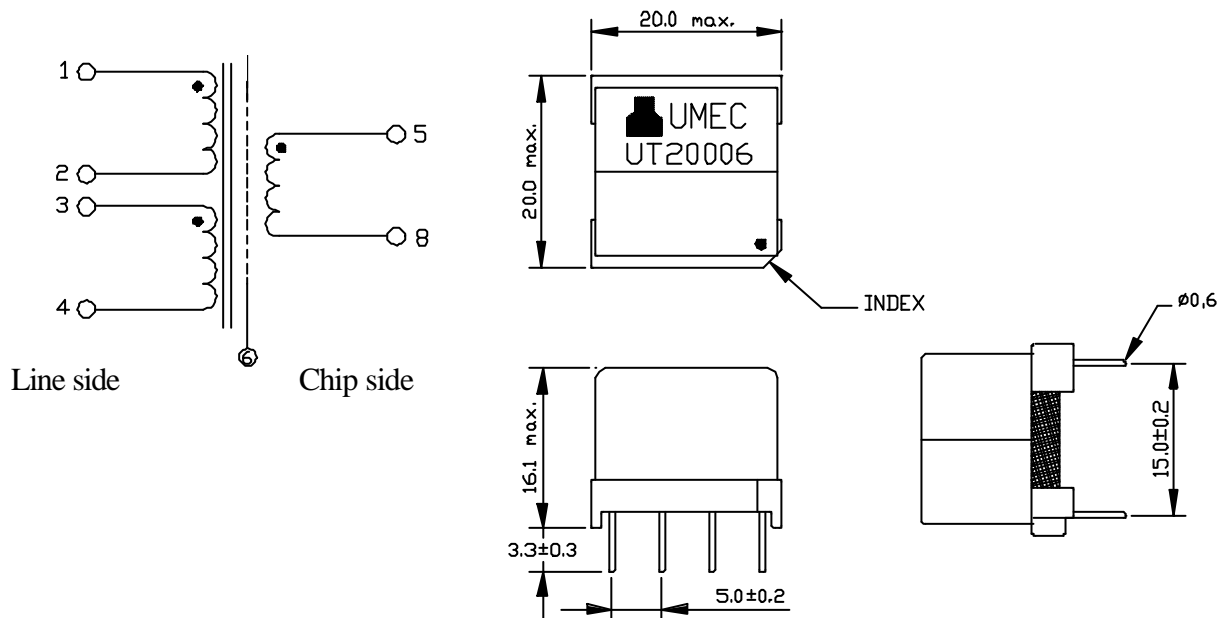
HDSL

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20006	HDSL Transformer for BROOKTREE 8921/8952	B3	2005/19

Electrical specification at 25⁰C:

- 1.) Turns Ratio and Polarity : 2.0CS : 1±2% , PIN(1-4) : PIN(5-8) ; PIN(2-3) shorted.
- 2.) D.C.R. : 1.25Ω±10% , PIN(1-2).
1.25Ω±10% , PIN(3-4).
1.0Ω±10% , PIN(5-8).
- 3.) Line side Inductance : 2.0mH±5% , at 10KHz 100mV, PIN(1-4) ; PIN(2-3) shorted.
- 4.) DC. Current : 160mA max .
- 5.) Interwinding Capacitance : 75pF max. , at 100KHz 100mV, PIN(1-4) : PIN(5-8) ; PIN(2-3)shorted.
- 6.) Leakage Inductance : 40uH max. , at 100KHz 100mV, PIN(1-4) ; PIN(2-3)&PIN(5-8) shorted.
- 7.) Return Loss : 17dB min. , 40KHz to 200KHz .
- 8.) Longitudinal Balance : 50dB min. , at 200KHz .
- 9.) Total Harmonic Distortion : -70dB max. , at 100KHz 5Vp-p .
- 10.) Insulation Resistance : 500 MΩ min., at 500Vdc .
- 11.) HI-pot test : 2500Vac 2s , Line side to Chip side .

Schematic diagram & Dimension:



NOTE: Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±0.2mm

E10-032-C



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