



BOTHHAND ENTERPRISE INC.

ADSL LINE TRANSFORMERS

P/N: AD-2037S

- For use with Alcatel's ADSL Chipsets.
- Excellent THD performance.
- Small footprint.

Electrical Specifications @ 25°-Operating Temperature-40° to 85°

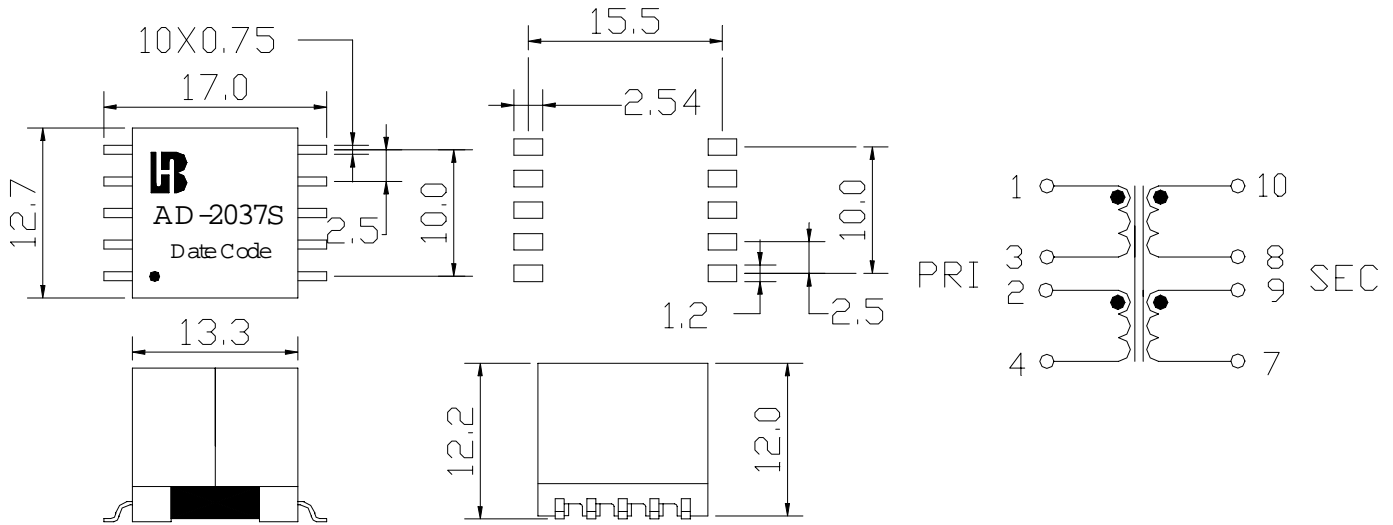
Part Number	Mounting	Turn Ratio (±2%) (1-4) : (10-7)	OCL @ 10KHz,0.1 V (1-4) with(2-3) shorted	Leakage Inductance @300 KHz,0.1V (1-4) with (2-3), (7-10) and (8-9) shorted	Longitudinal Balance (from 20KHz to1.1 MHz)
AD-2037S	SMT	1 : 1(Line to Chip)	470μH	10.0μH	40dB MIN

Additional Specifications

Part Number	THD (Linearity-Typical)	DC Resistance (1-4) (W/2-3 shorted)	Isolation Voltage (Vrms)	Insertion Loss (@ 500 KHz)
AD-2037S	-75dB @ 40KHz	1.0Ω MAX	1500	<0.5dB MAX

Mechanicals

Schematic



Dimension: mm

Unless otherwise specified, all tolerance are ± 0.25