



**BOTHHAND ENTERPRISE INC.**

## ADSL LINE TRANSFORMERS

**P/N: AD-2046S**

- Recommended by Analog Devices for use with CONEXANT CN9001.20441 ADSL Chipset.
- Excellent Longitudinal Balance performance.
- Designed to meet UL1950 & EN60950 supplementary insulation requirements.

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

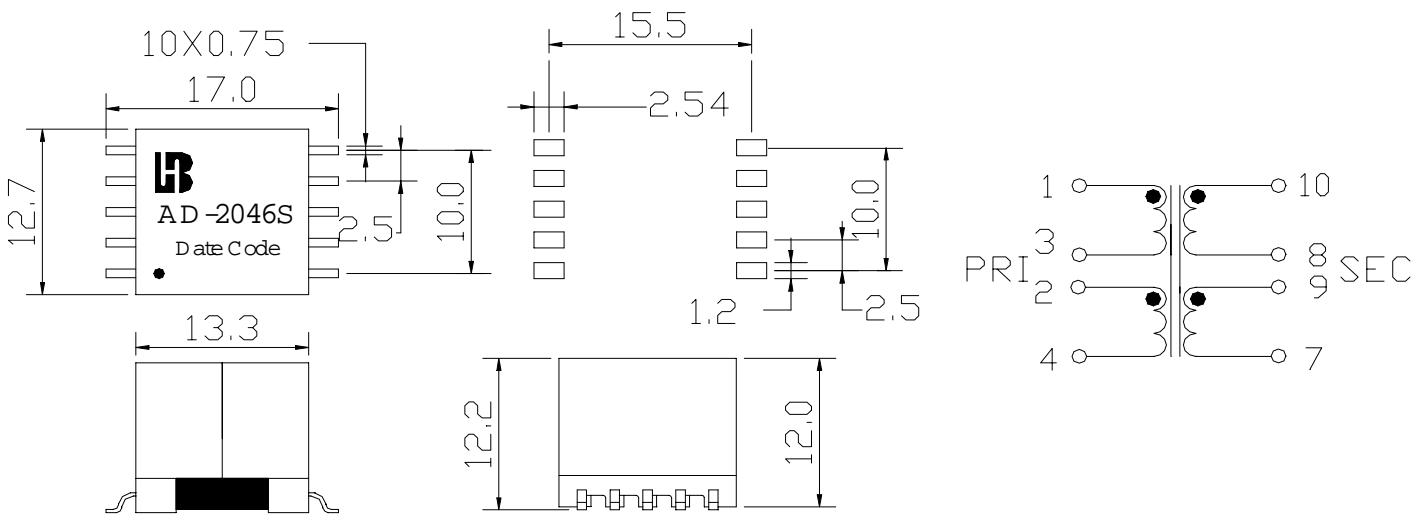
Part Number	Mounting	Turn Ratio (±2%) (1-4) : (10-7)	OCL @ 10KHz,0.1V (1-4)&(10-7),(2+3) with(8+9) shorted	Leakage Inductance (@ 100KHz0.1V)	Longitudinal Balance (from 1 0KHz to 1MHz)
AD-2046S	SMT	2 : 1	800uH	10.0μH	45dB MIN

### Additional Specifications

Part Number	DC Resistance (Ω – MAX)		Isolation Voltage (Vrms)	Interwinding Capacitance ( @100KHz,0.1V)
AD-2046S	(1-3)	(10-7)	1500	30pF
	0.74	0.77		

### Mechanicals

### Schematic



Dimension: mm

Unless otherwise specified all tolerance are ±0.25