



BOTHHAND ENTERPRISE INC.

## ADSL LINE TRANSFORMERS

P/N: AD-2016

- Recommended by Analog Devices for use with Lucent ADSL Chipset.
- Excellent Longitudinal Balance performance .
- Designed to meet UL1950 & EN60950 supplementary insulation requirements for working to 250 Vrms.

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

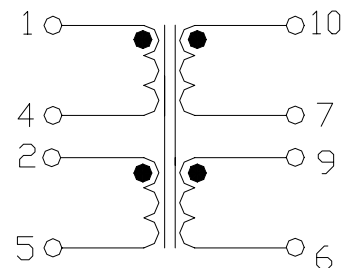
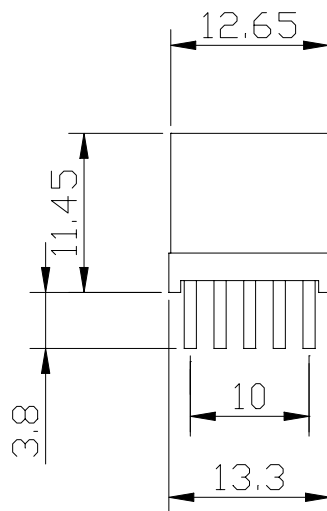
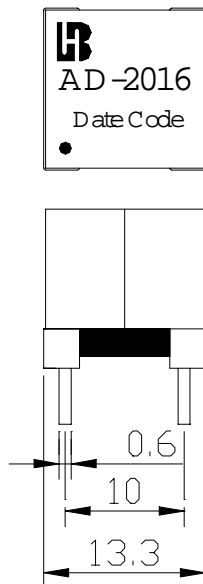
Part Number	Mounting	Turn Ratio (±2%) (1-5) : (10-6)	OCL @ 10KHz,0.1 V (1-5)&(10-6),(2+4) with(7+9) shorted	Leakage Inductance (@ 100KHz 50Mv)	Longitudinal Balance (from 1 KHz to 1.1 MHz)
AD-2016	THT	1 : 1	1.250mH	12.0μH	50dB MIN

### Additional Specifications

Part Number	DC Resistance (Ω – MAX)		Isolation Voltage (Vrms)	Insertion Loss ( @300KHz)
	(1-5)	(10-6)		
AD-2016			1875	< 0.5 dB
	0.42	0.42		

### Mechanicals

### Schematic



Dimension: mm

Unless otherwise specified, all tolerance are  $\pm 0.25$