

**ADSL LINE TRANSFORMER**  
**P/N: AD-2013 DATA SHEET**



**Bothhand USA. e-mail: sales@bothhandusa.com http://www.bothhand.com**

**Feature**



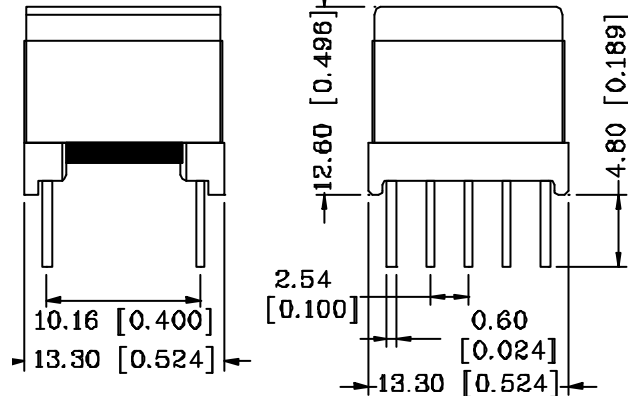
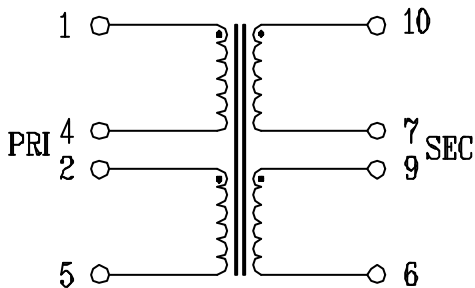
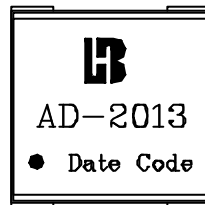
- Recommended by Analog Devices for use with their AD20msp930 ADSL Chipset.
- Excellent Longitudinal Balance performance.
- Operating Temperature.: -10°C to +60°C
- Storage Temperature.: -25 to +75

Electrical Specifications @ 25°C					
Part Number	Mounting	Turn Ratio (±2%) (1-5):(10-6)	OCL (mH ±5%) @ 10KHz/0.1 V	Leakage Inductance (µ H Max)	Longitudinal Balance (dB Min) (from 20KHz to 1.1MHz)
			(1-5),(4+2)short (10-6),(7+9)short		
AD-2013	THT	1:1	1.27	5.0	-50

Additional Specifications					
Part Number	THD(dB Max) (Linearity-Typical)	DC Resistance (Max)		Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 300KHz
		(1-5),(4+2)short	(10-6),(7+9)short		
AD-2013	-80 @ 30KHz 4Vpp	0.53	0.53	1250	-0.5

**Schematic**

**Mechanical**



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]  
 0.xx±0.05[0.002]