

**ADSL LINE TRANSFORMER**  
**P/N: AD-4132S DATA SHEET**



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**Feature**



- For use with Texas Instruments TNETD4000C ADSL Chipset
- Excellent THD performance.
- Small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

**Electrical Specifications @ 25°C**

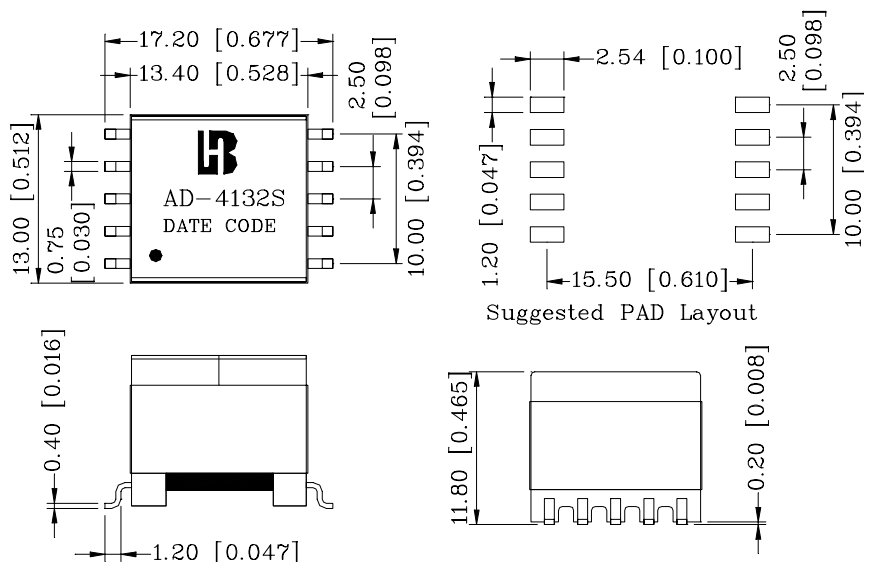
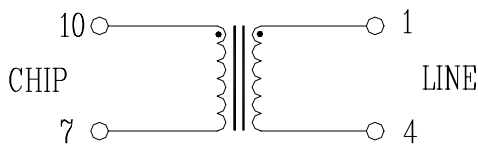
Part Number	Mounting	Turn Ratio (±2%) (10-7):(1-4)	OCL (mH ±5%) @ 10KHz/0.1 V (1-4)	Leakage Inductance (uH Max) @ 300 KHz/0.1V	Longitudinal Balance (dB Min)
					(from 30KHz to 1.1KHz)
AD-4132S	SMT	1:2	1.5	10.0	-50

**Additional Specifications**

Part Number	THD (dB Max) (Linearity-Typical)	DC Resistance (Ω Max)		Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 300 KHz
		(10-7)	(1-4)		
AD-4132S	-90 @ 100KHz 15Vpp	0.7	1.25	1500	-0.5

**Schematic**

**Mechanical**



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