

**ADSL LINE TRANSFORMER**  
**P/N: AD-2164S DATA SHEET**



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**Feature**



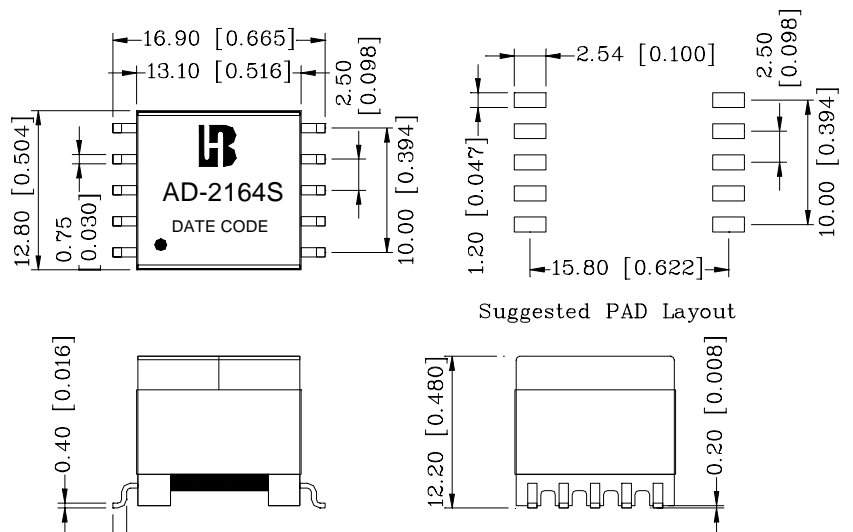
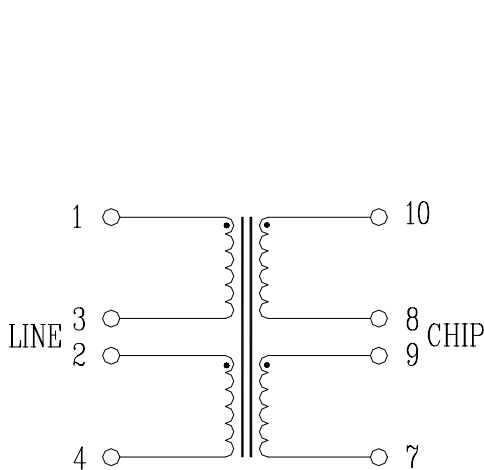
- For use with ADSL Chipset.
- Excellent THD performance.
- Small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

Electrical Specifications @ 25°C					
Part Number	Mounting	Turn Ratio (±2%) (1-4):(7-10)	OCL (uH ±6%) @ 10KHz/0.1 V	Leakage Inductance (μH Max) @ 300 KHz/0.1V	Longitudinal Balance (dB Min)
			(1-4) ,(2+3)short	(1-4),(2+3,7+10,8+9)short	(from 30KHz to 1.1MHz)
AD-2164S	SMT	1:1	480	10.0	-40

Additional Specifications				
Part Number	THD (dB Max) (Linearity-Typical)	DC Resistance(Ω Max) (1-4),( 3+2)Short	Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 100 KHz & 1.1MHz
AD-2164S	-72 @ 10KHz	1.0	1500	-1.0

**Schematic**

**Mechanical**



Suggested PAD Layout

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