

**ADSL LINE TRANSFORMER**  
**P/N: AD-2064S DATA SHEET**



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**Feature**



- Recommended by Analog Devices for use with the ST Microelectronics' ASCOT Chipsets.
- Excellent THD performance.
- Small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

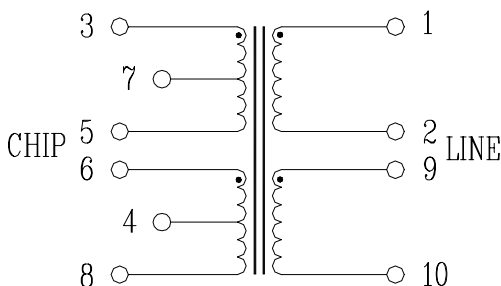
**Electrical Specifications @ 25°C**

Part Number	Mounting	Turn Ratio (±2%) (3-8):(1-10)	OCL (uH ±5%) @ 10KHz/0.1 V	Leakage Inductance (μH Max) @ 300 KHz/1V	Longitudinal Balance (dB Min)
			(1-10),(2+9) short	(1-10),(2+9,3+8,5+6)short	(from 30KHz to 1.1MHz)
AD-2064S	SMT	1:1	1025	10.0	-45

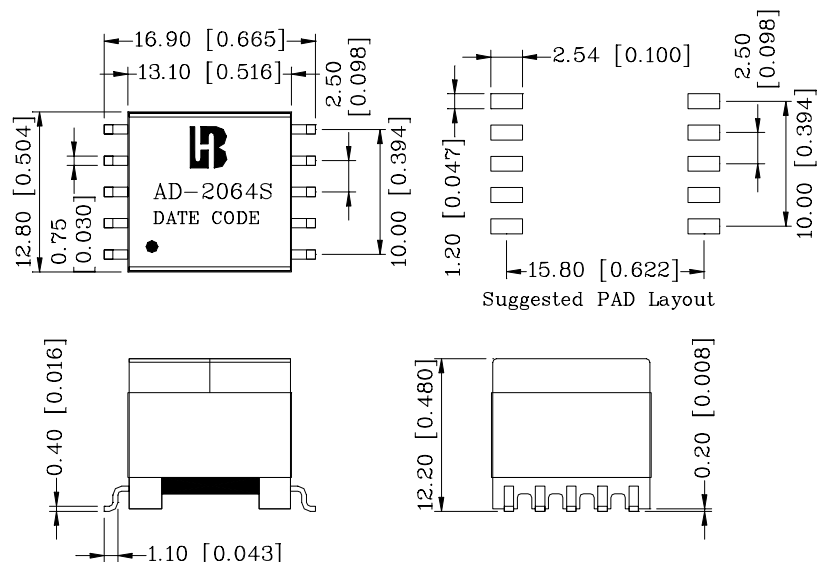
**Additional Specifications**

Part Number	THD (dB Max) (@30KHz 1Vrms)	DC Resistance (Ω Max) (1-2) (9-10) (6-8) & (3-5)	Isolation Voltage (Vrms)	Insertion Loss (dB Max)		Application
				100 KHz to 1.1MHz	300 KHz	
AD-2064S	-65	0.5	1500	-1	-0.5	CPE

**Schematic**



**Mechanical**



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