

ADSL LINE TRANSFORMER

P/N: AD-2032S DATA SHEET



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Feature



- Recommended by Analog Devices for use with ADSL Chipsets.
- Excellent THD performance in a small footprint.
- Design to meet insulation requirement for working to 250Vrms.
- Operating Temperature.: -10° C to +60° C
- Storage Temperature.: -25 to +75 .

Electrical Specifications @ 25° C

Part Number	Mounting	Turn Ratio (±2%) (1-4):(10-7)	OCL (mH ±10%) @ 10KHz/0.1 V		Leakage Inductance (μ H Max) @ 100 KHz/0.1V	Longitudinal Balance (dB Min)
			(1-4) ,(2+3) short	(10-7) ,(8+9)short	(1-4),(2+3,10+7,9+8)short	(25KHz to 1.1MHz)
AD-2032S	SMT	1:1	5.0	5.0	18.0	-40

Additional Specifications

Part Number	THD (dB Max) (Linearity)	DC Resistance(Ω Max)		Isolation Voltage (Vrms)	Insertion Loss(dB Max) @ 100 KHz
		(1-4),(2+3) Short	(10-7),(8+9)Short		
AD-2032S	-80 @ 30KHz	3.2	3.2	1875	-0.5

Schematic

Mechanical

