

ADSL LINE TRANSFORMER
P/N: AD-2046S DATA SHEET



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Feature



- Recommended by Analog Devices for use with CONEXANT CN9001.20441 ADSL Chipset.
- Excellent Longitudinal Balance performance.
- 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):(10-7)	OCL (uH ±5%) @ 10KHz/0.1 V	Leakage Inductance (uH Max) @ 100 KHz/0.1V	Longitudinal Balance (dB Min)
			(1-4),(2+3)short	(1-4),(2+3,10+7,9+8)short	(from 10KHz to 1MHz)
AD-2046S	SMT	2:1	800	10.0	-45

Additional Specifications

Part Number	DC Resistance (Ω Max)		Isolation Voltage (Vrms)	Interwinding Capacitance (pF Max) @ 100KHz/0.1V
	(1-3)	(10-7),(8+9)		
AD-2046S	0.74	0.77	1500	30

Schematic

Mechanical

