

ADSL LINE TRANSFORMER
P/N: AD-2136 DATA SHEET



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Feature



- Recommended by Analog Devices for use with their AD20MSP930 ADSL Chipset.
- Excellent THD performance in a small footprint.
- Operating Temperature.: -10°C to+60°C.
- Storage Temperature.: -25°C to +75°C.

Electrical Specifications @ 25°C

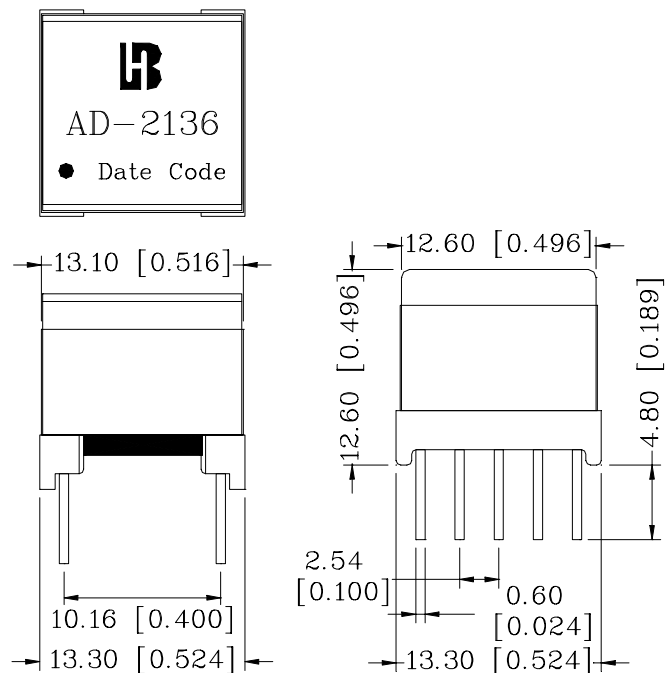
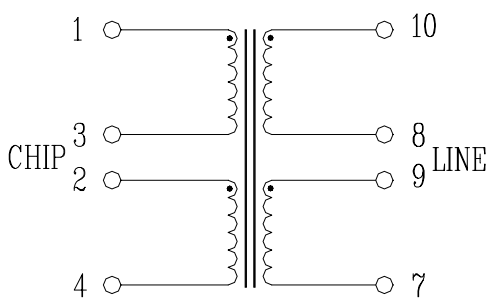
Part Number	Mounting	Turn Ratio (±2%) (1-4):(10-7)	OCL @ 10KHz,0.1 V		Leakage Inductance (µH Max) @300 KHz,0.1V (1-4),(2+3,10+7,9+8)short	Longitudinal Balance (dB Min) (from 30KHz to1.1 KHz)
			(1-4),(2+3) short	(10-7),(8+9) short		
AD-2136	THT	1:1.1	1.75mH Min	2.03~2.3mH	7.5	-45

Additional Specifications

Part Number	THD (dB Max) (Linearity-Typical)	DC Resistance (Ω Max)		Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 300 KHz
		(1-4), (3+2) short	(10-7) ,(8+9) short		
AD-2136	-80 @ 30KHz 4Vpp	1.25	1.4	1500	-0.5

Schematic

Mechanical



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