

**ADSL LINE TRANSFORMER**  
**P/N: AD-3136 DATA SHEET**



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**Feature**



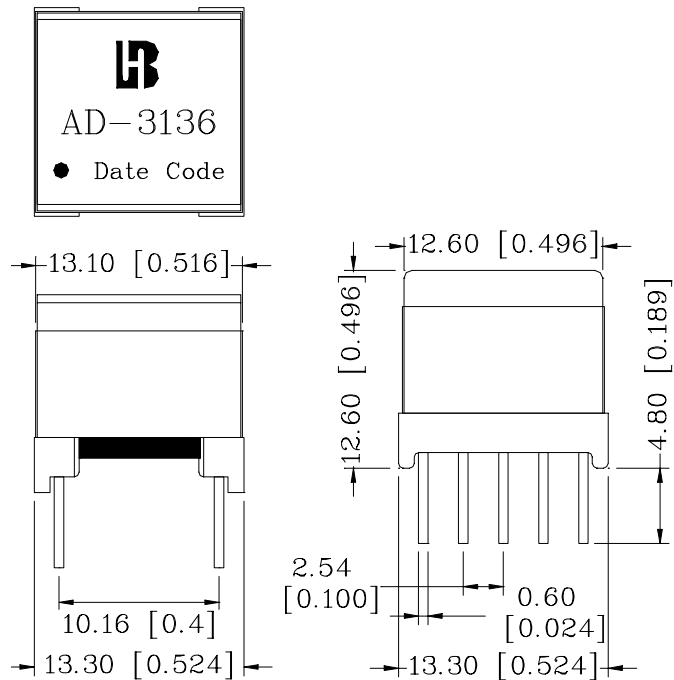
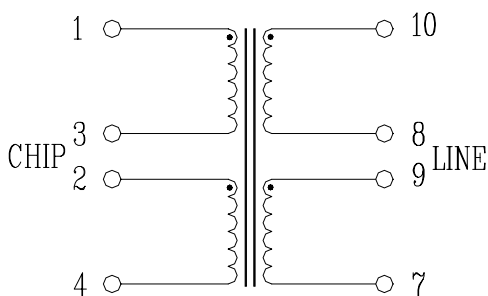
- Recommended by Analog Devices for use with their AD20MSP930 ADSL Chipset.
- Excellent THD performance in a small footprint.
- Operating Temperature.: -10°C to +60°C.
- Storage Temperature.: -25°C to +75°C.

Electrical Specifications @ 25°C					
Part Number	Mounting	Turn Ratio (±2%) (1-4):(10-7)	OCL (mH Min) @ 10KHz/0.1V	Leakage Inductance(uH Max) @ 300 KHz/0.1V	Longitudinal Balance (dB Min)
			(1-4),(2+3)short	(1-4),(2+3),10+7,8+9)short	(from 10KHz to 1.1MHz)
AD-3136	THT	1:1.1	1.2	10.0	-45

Additional Specifications						
Part Number	THD (dB Max)	DC Resistance (Ω Max)		Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 300 KHz	Application
		(1-4),(2+3)short	(10-7),(8+9)short			
AD-3136	-80 @ 30KHz 4Vpp	1.25	1.4	1500	-0.5	CPE

**Schematic**

**Mechanical**



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