

**P/N: AD-2037SA DATA SHEET****Feature**

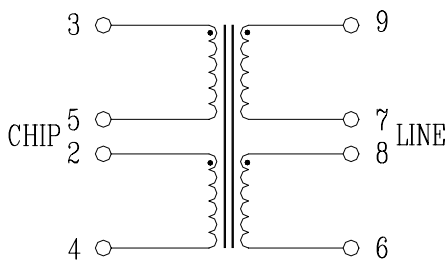
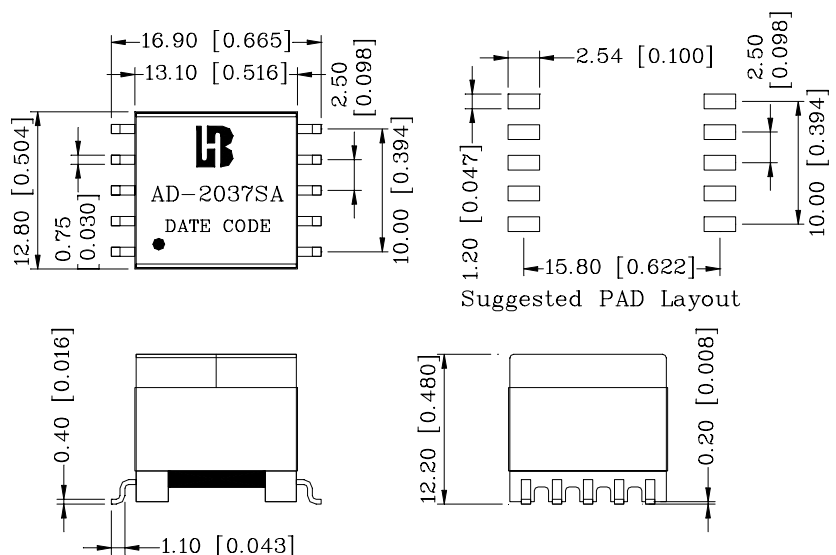
- For use with Alcatel's ADSL Chipsets.
- Excellent THD performance.
- Small footprint.
- Operating Temperature.: -10 to +60 .
- Storage Temperature.: -25 to +75 .

Electrical Specifications @ 25°C

Part Number	Mounting	Turn Ratio (±2%) (3-5):(9-7):(8-6):(2-4)	OCL (µH ± 5%) @ 10KHz/0.1 V	Leakage Inductance (µH Max) @ 300 KHz/0.1V	Longitudinal Balance (dB Min)
			(6-9) , (7+8) short	(6-9),(7+8,3+4,2+5)short	(from 20KHz to1.1MHz)
AD-2037SA	SMT	1:1:1:1	470	10.0	-50

Additional Specifications

Part Number	DC Resistance (Ω Max)	Isolation Voltage (Vrms for leakage 0.5mA 2sec)	Insertion Loss (dB Max) @ 500 KHz
	(6-9) , (7+8) short		
AD-2037SA	1.0	1500	-0.5

Schematic**Mechanical**

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