

**P/N: AD-3452SA DATA SHEET****Feature**

- Excellent Longitudinal Balance performance.
- Operating temperature range: 0°C to +60°C.
- Storage temperature range: -25°C to +75°C.

Electrical Specifications @ 25°C

Part Number	Turn Ratio (±1%)		OCL (uH±5%) @10KHz/0.1V	Leakage Inductance(uH Max) @100 KHz/0.1V	Longitudinal Balance (dB Min) (35KHz to 650KHz) (16-9),(11+14) short
	(16-9):(1-4) (11+14,3+2) short	(16-9):(5-8) (11+14,7+6) short	(16-9),(11+14) short	(16-9), (1+4,2+3,5+8,7+6,4+5,11+14) short	
AD-3452SA	4:1	2:1	700	15	-55

Additional Specifications

Part Number	DC Resistance(Ω Max)			HI-POT (Vrms Min)
	Inter winding Capacitance(pF Max)(@100KHz,0.1V)			
	line	chip-Tx	chip-Rx	
AD-3452SA	(16-9),(11+14)short 1.0	(1-4),(3+2)short 0.3	(5-8),(7+6) short 0.6	1875

Schematic**Mechanical**