

- ※For Use with Virata Chipsets
- ※Matched to Virata's Aluminum™ G.SHDSL chipset
- ※Designed to meet UL 1950 supplementary insulation requirements for working voltages up to 250 Vrms
- ※For RoHS part add suffix NL
- ※RoHS NL peak solder rating 235°C



**Electrical Specifications @25°C --- Operating Temperature -40°C to +85°C**

Part Number	Mounting	Turns Ratio (Line - Chip) (±2%)	Inductance – Line Side @ 10kHz,100mV (9-6) with (8-7) shorted	Leakage Inductance @ 100 kHz,0.1 Vrms (2-4) with (9,8,7,6) shorted	DC Resistance	
					Line Side (9-8)=(7-6)	Chip Side (2-4)
LPA1078	SMT	1CT:2CS	4.0mH±10%	8μH MAX	≥3.8Ω	≤3.6Ω

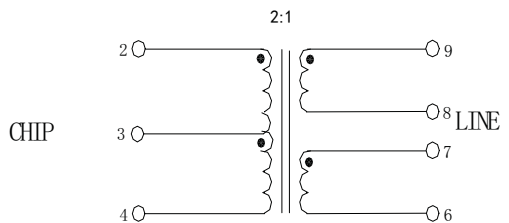
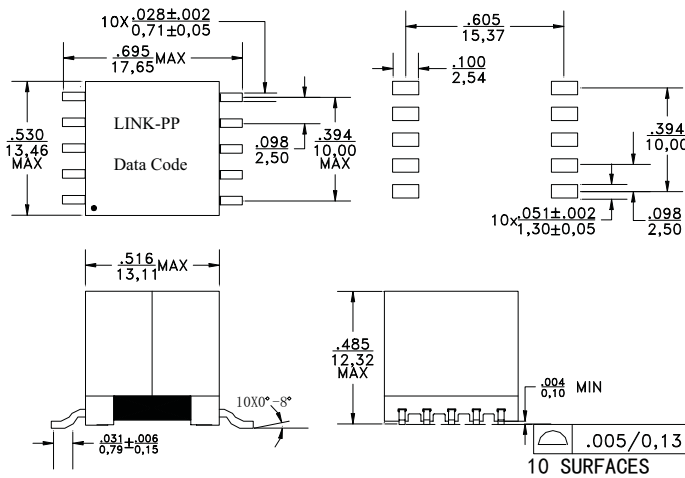
**Additional Electrical Specifications**

Part Number	Longitudinal Balance (300 kHz)	THD (@50 kHz,4 Vpp)	Return Loss (40kHz – 300kHz)	Isolation Voltage (Vrms)
LPA1078	≤-55dB	≤-55dB	≥16.5 dB	1500

**Mechanical**

**Schematic**

**LPA1078**



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified,  
 all tolerances are  $\pm \frac{.010}{0.25}$