

ADSL Line LPAnformers

Link-PP Int'l Technology

- ※ For use with Globespan ADSL/RADSL Line Driver IC (EL-1501) at the Customer Premise
- ※ 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	Application	Mounting	Turns Ratio (1-3):(10-8),(2-4):(9-7) (1-3):(2-4)	OCL @ 10 KHz,0.1V (1-4)with (2-3) shorted	Leakage Inductance @300KHz,0.1V(1-4)with(2-3), (7-10)and (8-9) shorted	Longitudinal Balance (from 30 KHz to 1.1 MHz)
LPA2139	CPE	THT	1:1(±2%)	407 μH (±5%)	10.0 μH MAX	-50 dB MIN

Additional Specifications

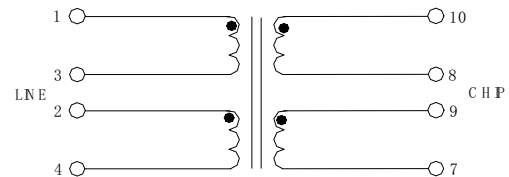
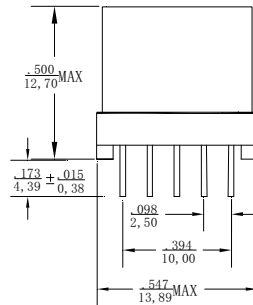
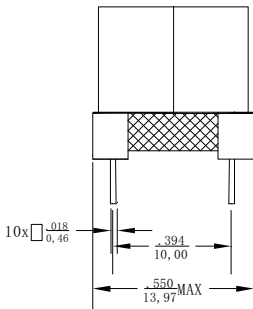
Part Number	THD (Linearity - Typical)	DC Resistance	Isolation Voltage (Vrms)	Insertion Loss ¹ (@772 KHz)
LPA2139	-85 dB MIN @ 100 KHz	1-3=2-4=.66 Ω (±10%) 10-8=9-7=.56 Ω (±10%)	1875	<0.5 dB

¹Frequency Response: >3.0 dB ,from 30 KHz to 2.0 MHz.

Mechanical

Schematic

LPA2139



Dimensions: ^{Inches}

Unless otherwise specified, all tolerances are ±.010 / 0.25